CA2 ALM 11
A56
1955

ALBERTA LEGISLATURE LIBRARY
3 3398 00377 9120

MAR 8 1957

# ANNUAL REPORT

OF

# THE MINES DIVISION

OF THE

## Department of Mines and Minerals

OF THE

## PROVINCE OF ALBERTA

## 1955

Edmonton:
Printed by A. Shnitka, Queen's Printer
1956

# ANNUAL REPORT

OF

# THE MINES DIVISION

OF THE

## Department of Mines and Minerals

OF THE

## PROVINCE OF ALBERTA

## 1955

Edmonton:
Printed by A. Shnitka, Queen's Printer
1956

Digitized by the Internet Archive
in 2017 with funding from
Legislative Assembly of Alberta - Alberta Legislature Library

https://archive.org/details/annualreportofmi1955albe

Edmonton, Alberta,
February 6th, 1956.

To The Hon. Ernest C. Manning,
*Minister of Mines and Minerals.*

Sir:

I herewith submit the Report of the Mines Division for the year ending December 31st, 1955.

Respectfully submitted,

J. A. Dutton,
*Director of Mines.*

# ANNUAL REPORT OF THE MINES DIVISION FOR THE YEAR ENDING DECEMBER 31, 1955.

J. A. DUTTON, *Director of Mines*
(J. HORNE, *Assistant Director of Mines*)

The output of coal produced from the mines in the Province during the year 1955 was 4,456,578 tons, with a valuation of $23,486,399. This shows a decrease of 402,558 tons compared with the tonnage produced in 1954 which was 4,859,136 tons, with a decrease in valuation of $2,862,876.

During the year the number of manshifts totalled 783,239. This is a decrease of 160,319 manshifts in comparison with 1954. In that year the number of manshifts totalled 943,558.

This reduction in production and manshifts can be attributed to a decrease in the sales to railroad companies of 312,104 tons of coal and 180,568 tons of briquettes, due to a further dieselization of locomotives and the continuance of mild weather during the early portion of the year. Owing to colder temperatures during the months of November and December, there was a noticeable increase in production over the corresponding months of 1954.

The disposition of coal during the year was as follows:—

| | |
|---|---:|
| Sold for consumption in Alberta | 1,080,379 |
| Sold for consumption in other Provinces | 2,210,587 |
| Sold to the United States | 32,941 |
| Sold to railroad companies | 431,639 |
| Used making briquettes | 415,311 |
| Used under colliery boilers | 73,235 |
| Used by colliery railroads | 1,186 |
| Put to stock | 1,232,019 |
| Put to waste | 174,226 |

The above tonnages include lifted from stock and waste heaps, which are not included in the total output.

The output of briquettes during the year 1955 was 435,785 with a valuation of $3,859,681. This shows a decrease in production of 199,716 briquettes under 1954.

The disposition of briquettes during the year was as follows:—

| | |
|---|---:|
| Sold for consumption in Alberta | 10,469 |
| Sold for consumption in other Provinces | 77,259 |
| Sold to railroad companies | 350,260 |
| Put to stock | 40,882 |

The above tonnages include lifted from stock and waste heaps, which are not included in the total output.

Of the output of coal, 2,104,235 tons were produced from 53 strip mines operating in the Province. During the year production from stripping operations decreased 25,332 tons, or 1.18 per cent under 1954. In that year the total was 2,129,567 tons. There was a decrease of 6 strip mines in comparison with 1954 when 59 strip mines were in operation.

During the year 15 quarries produced 1,125,032 tons of shale, clay and limestone, from which 35,362,079 bricks and

43,133 tons of tile were made. In addition to the foregoing output, 16,358 tons of shale, clay and limestone were imported.

There were 116 mines which produced coal during the year, of which 1 were opened, 38 re-opened, 60 closed and 16 abandoned. At December 31st, 1955, 93 mines were in operation.

There were 4,513 men employed during the month of December, this being a decrease of 437 in comparison with the corresponding month of 1954.

During the year there was a total of 318 miners' certificates, miners' permits and miners' provisional certificates issued by the Inspectors, enabling the holders to proceed to the coal face as miners. This represents a decrease of 168 in comparison with 1954.

During the year there were one second class certificate, three third class certificates, one mine surveyors' certificate, two first class mine electricians' certificates and one second class mine electrician's certificate granted. In addition, six foremen's certificates and one strip mine blaster's certificate were granted. There were also three quarry blasters' certificates granted.

Four examinations were held throughout the Province for coal miners' certificates, and 78 certificates were issued to successful candidates. In addition, 21 miners' duplicate certificates were issued by this office.

583 inspections were made under the terms of The Coal Mines Regulation Act, 408 inspections in connection with The Workmen's Compensation Board Regulations and 28 inspections in connection with The Quarries Regulation Act, comprising 1,019 inspections made by the Inspection staff during the year.

Twenty-three samples of coal were collected and forwarded to The Research Council of Alberta, Edmonton, for analysis. Seven mine air samples were collected and forwarded to The Bureau of Mines, Ottawa, for analysis.

All fatal and serious accidents have been investigated by the Inspectors, who also attended the inquests held in their districts; this being in addition to the regular inspections of the mines. All complaints made to the Department were investigated.

There were 25 prosecutions instituted for contraventions of The Coal Mines Regulation Act and The Coal Sales Act, made up as follows:—1 owner, 1 agent, 2 managers, 1 overman, 3 examiners, 6 miners, 1 machineman, 1 contractor, 1 salvager, 1 teacher, 6 farmers, 1 pensioner. 24 convictions were obtained.

The purchased electrical power by mines was 44,132,973 k.w. hours, this being a decrease of 6,555,984 k.w. hours in comparison with 1954. During the year the number of mines using electrical power was 69, a decrease of 5 under 1954. The number of electrical coal-cutting machines in use was 138, a decrease of 3 under 1954, and the total horsepower of electrical motors in use, both above and below ground, was 60,060 h.p., a decrease of 794 h.p. in comparison with 1954.

Due to the decrease of men employed underground, there was a decrease in the use of protective equipment, there being in use during 1955, 2,791 hard hats, 2,301 pairs of safety shoes, 325 pairs of goggles and 115 pairs of knee pads.

The number of fatal accidents during the year was 3 as compared with 8 in 1954. This equals .67 fatals per million tons of coal produced.

As regards the aforementioned fatalities, 2 occurred on the surface and 1 underground. Causes of the fatal accidents are as follows:—box-car handling 1; haulage 1; miscellaneous 1. The total number of accidents reported to this office during the year was 109, an increase of 9 over the number reported during 1954. In addition, 1 fatality occurred in a quarry.

There were no applications received during the year for the installation of diesel locomotives. During 1955 there were 10 diesel locomotives operating in the mines in the Province.

The Board of Examiners during 1955 consisted of the following:—As representing:

The Mine Inspectorate:—J. A. Dutton, Director of Mines.

Mine Managers:—A. Crawford and P. M. Ramsay.

Working Miners:—A. Ragon and A. R. Sherwood.

Secretary:—Muriel Roberts.

Mr. A. Crawford resigned from the Board in November after a continuous service of 5 years. As yet no appointment has been made of a replacement.

Examinations were held during the year on May 31st, June 1st, 2nd, 3rd and 16th for all classes of certificates except first class and strip mine managers, at Blairmore, Calgary, Drumheller and Edmonton. Examinations were also held for quarry blasters' certificates on April 12th, August 31st and November 28th at Edson and Exshaw.

On January 15th, the washhouse at Alberta Southern Coal Co. Ltd., Wabamun, was completely destroyed by fire. A new washhouse has since been completed to replace same.

An electric shovel and housing was destroyed by fire at the Black Nugget Coal Co. Ltd., Dodds, on January 18th. The fire was believed caused by an overheated stove. No plans have yet been made for a replacement.

On March 5th, the coal preparation plant and feed belt at Red Deer Valley Coal Co. Ltd., Drumheller, was completely destroyed by fire. A new steel plant has since been erected.

At Black Nugget Coal Co. Ltd., Dodds, the tipple was completely destroyed by fire on May 8th. A new building has since been completed.

A spontaneous combustion in the small coals bunker of Brilliant Coal Co. Ltd., Drumheller, on August 1st, caused little damage, which has now been repaired.

On November 14th, a small fire caused by the back-firing of a gasoline engine destroyed the lump coal bin at Warburg Coal Co. Ltd., Warburg. A new bin has now been installed.

A surface oil store house at Star Coal Mines Ltd., Rosedale, was destroyed by fire on December 15th. Plans have not yet been made to replace same.

During the year, The Coal Mines Regulation Act was revised, but does not differ in principle from the former Act in any but the most minute details. It is essentially a revision, which has been made to modernize the wording and rules and to set out the provisions in a form whereby the persons concerned in the matter of the Act can observe its directives more easily. The new Act came into force on July 1st, 1955.

---

## SUMMARY OF INFORMATION COMPILED FROM THE REPORTS OF THE INSPECTORS

### BLAIRMORE INSPECTION DISTRICT

(P. MELSON, *District Office, Blairmore*)

There were 8 mines producing coal in this district during the year 1955, located by areas as follows: — Crowsnest 7, Pincher 1.

Of this number, 3 are strip mines located by areas as follows:—Crowsnest 3 (two of which are combined operations).

During the year, 69 inspections of coal mines were made and reported upon in accordance with The Coal Mines Regulation Act. All serious accidents and complaints were investigated and reports on same were forwarded to the Director of Mines.

During the year, 69 inspections were made for the Workmen's Compensation Board, all of which were reported to the Board.

I presided at the officials' examinations held in Blairmore on May 31st.

One miner's examination was held in this district on May 31st at Blairmore. Two candidates passed the examination and were issued miners' certificates. One miner's provisional certificate was issued by this office during the year.

Two coal samples were collected and forwarded to the Research Council, University of Alberta, Edmonton, for analysis.

Two trade names were registered under The Coal Sales Act.

One prosecution was instituted for contravention of The Coal Mines Regulation Act, and was as follows:—owner for failing to forward Coal Operators' Monthly Statements. A conviction was obtained.

One mine was re-opened in this district during the year.

One mine was temporarily closed in this district during the year.

One mine was abandoned in this district during the year as follows:—Mine No. 1738, Rhodes Mining Company, Lundbreck.

Twenty-six accidents were reported direct to this office from the mines during the year, of which seven occurred on the surface of which four were classified as serious and three classified as slight. The nineteen underground accidents were classified as eleven serious and eight slight.

At the beginning of the year, most employable men were working, but in April 101 men were laid off at Coleman Collieries Ltd. (Coleman). A good portion of these obtained employment in B.C. With the coming of cold weather in October, all employable miners were again employed, and at the end of 1955 there is no surplus manpower in the district.

A shortage of box-cars was reported several times during the final months of the year, particularly after blizzards in Saskatchewan. These made very little difference to the tonnages, however, as work was resumed on Saturdays.

Particulars as to days lost at each mine during the year due to shortage of orders are as follows:—West Canadian Collieries Ltd. (Bellevue Mine) 110 days; Beaver Mines Coal Company 4 months; Coleman Collieries Ltd. (McGillivray Mine) 50 days; West Canadian Collieries Ltd. (Greenhill Mine) 110 days; West Canadian Collieries Ltd. (Adanac Mine) 110 days; Coleman Collieries Ltd. (Tent Mountain Mine) 55 days; Dawn Coal Company 6 months.

A steady decline continued in the amount of railroad coal produced in this district, but some increase in commercial grades of coal was noted during the year. Greater emphasis is placed on the cleaning and sizing of the commercial coals for industrial use, and the consumer's specifications regarding sizing and treatment are met.

There was one quarry operating in this district during the year as follows:—Quarry No. Q 8, Summit Lime Works, Crowsnest, B.C. Four quarry inspections were made during the year.

The following is a list of improvements and installations at the various mines in this district:—

Mine No. 87, West Canadian Collieries Ltd., Bellevue, installed an additional pump of 250 g.p.m., powered by a 50 h.p. 440 volt C.G.E. motor equipped with Reynolle flameproof switchgear; one 4 x 8 ft. Dillon screen installed at the tipple.

Mine No. 204, Coleman Collieries Ltd., Coleman, installed on the tipple one 30 x 48 in. double roll McNally breaker; one press (Komarek-Greaves) for making a stoker-sized pellet briquette; one D6 Caterpillar Traxcavator.

Mine No. 396, West Canadian Collieries Ltd., Blairmore, one D7 Caterpillar tractor; one D9 Caterpillar tractor; constructed a 20 x 24 ft. garage and 8 x 12 ft. office; installed radio-telephones in cars and trucks.

Mine No. 1584, West Canadian Collieries Ltd., Blairmore, constructed a large diameter boring machine for drilling raises between levels.

Mine No. 1695, Coleman Collieries Ltd., Coleman, one D8 Caterpillar tractor; 2 57 G.T. Euclids; 3 650-A large capacity GMC tandem trucks. Roof bolting the hanging wall of the strip mine was experimented.

Quarry No. Q 8, Summit Lime Works, Crowsnest, B.C., one Oxy-Catalyic filter in the mill; one 3-ton Ford truck; constructed a lunch room for employees.

## CALGARY INSPECTION DISTRICT

(A. Muir, *District Office, Calgary*)

There were 17 mines producing coal in this district during the year 1955, located by areas as follows:—Big Valley 1; Carbon 11; Cascade 1; Gleichen 3; Pekisko 1.

Of this number, 4 are strip mines which are located in the Carbon Area.

During the year, 60 inspections of coal mines were made and reported upon in accordance with The Coal Mines Regulation Act. All serious accidents and complaints were investigated and reports on same were forwarded to the Director of Mines.

During the year, 42 inspections were made for the Workmen's Compensation Board, all of which were reported to the Board.

Three miners' provisional certificates and nine miners' permits were issued by this office during the year.

Two coal samples were collected and forwarded to the Research Council, University of Alberta, Edmonton, for analysis.

One trade name was registered under The Coal Sales Act.

Four mines were re-opened in this district during the year.

Six mines were temporarily closed in this district during the year.

Two mines were abandoned in this district during the year as follows:—Mine No. 72a, Blackfoot Indians, Gleichen; Mine No. 1226, C. C. Campbell, Trochu.

Nine accidents were reported direct to this office from the mines during the year, of which two occurred on the surface of which one was classified as serious and one classified as slight. The seven underground accidents were classified as three serious and four slight.

There was no shortage of manpower in this district during the year.

Most of the mines in this district more or less depend on weather conditions and trucks, their summer trade being practically nil. Canmore Mines Ltd., Canmore reported a loss of 66 days due to lack of orders.

There were three quarries operating in this district during the year as follows:—Quarry No. Q 2, Canada Cement Co. Ltd., Exshaw; Quarry No. Q 3, Loders Lime Co. Ltd., Exshaw; Quarry No. Q 20, Renn Expanded Aggregates Ltd., Calgary. Seven quarry inspections were made during the year. There was a fatal accident at Canada Cement Co. Ltd. when a shovel operator accidentally dug into an unexploded stick of dynamite in the quarry.

The following is a list of improvements and installations at the various mines in this district:—

Mine No. 2, Canmore Mines Ltd., Canmore, constructed additions to the briquette plant, coal washery and tipple; installed a motor generator set and sub-station; new switchboard room; mine telephone set; two shaker conveyor engines and parts; 8 ratchet jacks.

Mine No. 194, A. A. McArthur, Carbon, one D7 Caterpillar tractor, 60 ripper; one D8 Caterpillar tractor; one LeTourneau, 30 ripper; one 3-ton Mercury truck; one 300-amp Lincoln welder; one new mine entry road gravelled.

Mine No. 1499, Nottal Brothers, Three Hills, one water pump for pits.

## DRUMHELLER INSPECTION DISTRICT

(R. SHAW, *District Office, Drumheller*)

There were 18 mines producing coal in this district during the year 1955, located by areas as follows:—Big Valley 1; Drumheller 15; Sheerness 2.

Of this number, 6 are strip mines located by areas as follows:—Big Valley 1, Drumheller 3; Sheerness 2.

During the year, 84 inspections of coal mines were made and reported upon in accordance with The Coal Mines Regulation Act. All serious accidents and complaints were investigated and reports on same were forwarded to the Director of Mines.

During the year, 67 inspections were made for the Workmen's Compensation Board, all of which were reported to the Board.

I presided at the officials' examinations held in Drumheller on May 31st.

One miner's examination was held in this district on November 18th and 19th at Drumheller. Thirty-two candidates passed the examination and were issued miners' certificates. Twenty-one miners' provisional certificates and forty miners' permits were issued by this office during the year.

Four coal samples were collected and forwarded to the Research Council, University of Alberta, Edmonton, for analysis.

One trade name was registered under The Coal Sales Act.

Two prosecutions were instituted for contravention of The Coal Mines Regulation Act and The Coal Sales Act, the particulars of which were as follows:—mine manager for allowing lump coal during preparation to pass over screens having perforations larger than the dimensions required; machine man for committing an act underground likely to cause danger to another employee. Convictions were obtained in both cases.

Three mines were re-opened in this district during the year.

Nine mines were temporarily closed in this district during the year.

Two mines were abandoned in this district during the year as follows:—Mine No. 1398, T. G. Ironside, Scapa; Mine No. 1726, Premier Coals, Drumheller.

Thirty-seven accidents were reported direct to this office from the mines during the year including one fatal accident, the particulars of which are as follows:—a haulage hand received fatal injuries when the locomotive and trip on which he was riding was derailed and he either jumped or fell off, landing under the wheels. Of the remaining thirty-six accidents, three occurred on the surface of which one was classified as serious and two classified as slight. The thirty-three underground accidents were classified as seventeen serious and sixteen slight.

On March 5th, the coal preparation plant of the Red Deer Valley Coal Co. Ltd., Drumheller, was completely destroyed by fire. Plans were made for an immediate replacement.

A fire resulting from spontaneous combustion occurred in a small coals bunker of the Brilliant Coal Co. Ltd., Drumheller, on August 1st, but caused little damage.

A surface oil store house of the Star Coal Mines Ltd., Rosedale, was destroyed by fire on December 15th.

Two strikes of one day each occurred at the mine operated by Murray Collieries Ltd. The first was due to the distributing of contract miners on alternate shifts, and the second involved a demand by machine men operating coal cutters for payment during the transportation of machines. A strike of one day originated at the Atlas Mine operated by Century Coals Ltd., Drumheller, when haulage employees took exception to a fixed headlight on a locomotive that was not of the sealed beam type.

Due to a shortage of certified coal miners within the district, the mines had difficulty during the fall and winter months in producing maximum tonnages required, and in some cases tonnages fell short of that required. In addition, there evolved a shortage of certified examiners which became so acute it resulted in retired personnel being returned to their former duties. To further augment supervision, provisional certificates were issued for practical coal miners to act as examiners on a temporary basis.

Particulars as to days lost at each mine during the year due to shortage of orders are as follows:—Midland Coal Mining Co. Ltd. 60 days; Red Deer Valley Coal Co. Ltd. 180 days; Century Coals Ltd. (Commander Mine) 65 days; Star Coal Mines Ltd. 67 days; Brilliant Coal Co. Ltd. 143 days; Saskatchewan Federated Co-ops. Ltd. 82 days; Century Coals Ltd. (Atlas Mine) 52 days; Murray Collieries Ltd. 33 days; Amalgamated Coals Ltd. 64 days.

The method known as "Airdox" is now extensively used for the breaking down of machine-cut coal at three of the mines within this district, and same has definitely proven an advantage over the use of explosives for various reasons, viz. (1) toxic gases are not given off, (2) a greater percentage of lump coal is derived and (3) the cost of dislodging the coal is lowered. The method has proven itself particularly suitable for mechanized mining.

The following is a list of improvements and installations at the various mines in this district:—

Mine No. 367, Midland Coal Mining Co. Ltd., Drumheller, "Airdox" plant underground compressing to a maximum of 10,000 lbs.; an additional 1,000 feet of conveyor belt to second panel unit.

Mine No. 402, Red Deer Valley Coal Co. Ltd., Drumheller, constructed a new all-steel preparation plant.

Mine No. 1484, Century Coals Ltd., East Coulee, completed the drivage of a slope and prospected the lower Drumheller seam by entry drivage. Preparatory steps were also taken to provide a second outlet by the sinking of a shaft which it is intended will be serviced for continuous bulk hoisting; two hoists to service the new development and one pump.

Mine No. 1491, Murray Collieries Ltd., East Coulee, two 7 A.U. permissible type coal cutting machines.

Mine No. 1573, Amalgamated Coals Ltd., East Coulee, "Airdox" plant underground compressing to a maximum of 10,000 lbs.; four Joy auxiliary fans.

Mine No. 1597, Lehigh Coal Co. Ltd., Sheerness, one 22B Bucyrus Erie ¾ yard electric shovel; one 17 in. Redler elevator; one new washhouse.

---

## EDMONTON INSPECTION DISTRICT

(J. THOMSON, *District Office, Edmonton*)

There were 48 mines producing coal in this district during the year 1955, located by areas as follows:—Ardley 3; Camrose 4; Castor 15; Edmonton 11; Halcourt 3; Nordegg 1; Pembina 3; Saunders 1; Tofield 5; Westlock 2.

Of this number, 28 are strip mines located by areas as follows:—Ardley 3; Camrose 4; Castor 4; Edmonton 4; Halcourt 2; Nordegg 1 (combined operation); Pembina 3; Tofield 5; Westlock 2.

During the year, 112 inspections of coal mines were made and reported upon in accordance with The Coal Mines Regulation Act. All serious accidents and complaints were investigated and reports on same were forwarded to the Director of Mines.

During the year, 109 inspections were made for the Workmen's Compensation Board, all of which were reported to the Board.

I presided at the officials' examinations held in Edmonton on May 31st, June 1st, 2nd and 3rd.

Three miners' provisional certificates and fifteen miners' permits were issued by this office during the year.

Eleven coal samples were collected and forwarded to the Research Council, University of Alberta, Edmonton, for analysis.

Five trade names were registered under The Coal Sales Act.

Eight prosecutions were instituted for contraventions of The Coal Mines Regulation Act, particulars of which were as follows:—six farmers, one school teacher and one contractor for illegal mining. Convictions were obtained in each case.

Twenty-three mines were re-opened in this district during the year.

Three mines changed ownership in this district during the year as follows:—Mine No. 1266, Edmonton Collieries Ltd., Namao, to Black Gem Coal Co. Ltd., Namao; Mine No. 1712, F. Fodor and W. Fodor, Warburg, to Strawberry Creek Coal Co. Ltd., Warburg; Mine No. 1727, Red Hot Coals Ltd., Edmonton, to Whitemud Creek Coal Co. Ltd., Edmonton.

Thirty-one mines were temporarily closed in this district during the year.

Five mines were abandoned in this district during the year as follows:—Mine No. 852, Alexo Coal Co. Ltd., Alexo; Mine No. 1534, Peter Gill, Thorsby; Mine No. 1632, C. F. MacLachlan, Ardrossan; Mine No. 1696, Adelard Houle, Morinville; Mine No. 1724, Banner Coals Ltd., Edmonton.

Three accidents were reported direct to this office from the mines during the year, of which one classified as slight occurred on the surface. The two underground accidents were classified as one serious and one slight.

On January 18th, an electric shovel and housing was burned beyond repair at the mine operated by the Black Nugget Coal Co. Ltd., Dodds. The fire was caused by an over-heated stove.

The tipple at the Black Nugget Coal Co. Ltd., Dodds, was completely destroyed by fire on May 8th. Plans were immediately made for a replacement.

At the Warburg Coal Company, Warburg, the lump coal bin was destroyed by fire on November 14th. The fire was believed caused by the back-firing of a gasoline engine.

Particulars as to days lost at each mine during the year due to shortage of orders are as follows:—Brazeau Collieries Ltd., 11 days; Alexo Coal Co. Ltd., 25 days; Black Gem Coal Co. Ltd., 93 days; J. B. Starkey Coal Co. Ltd., 41 days.

There were three quarries operating in the district during the year as follows:—Quarry No. Q 1, J. B. Little & Sons, Edmonton; Quarry No. Q 5, Alexandra Brick & Tile Co. Canada Ltd., Cannell; Quarry No. Q 16, K. J. Dalen, Grande Prairie. Three quarry inspections were made during the year.

The following is a list of improvements and installations at the various mines in this district:—

Mine No. 1107, Black Nugget Coal Co. Ltd., Dodds, new tipple with the following new equipment: one lump loader with G.E. Induction Motor 25 h.p.; one car puller with Westinghouse motor 10 h.p.; one feeder with Westinghouse motor 15 h.p.; one conveyor belt with Westinghouse motor 10 h.p.; one rotary screen with Westinghouse Motor 10 h.p.; one small loader with G.E. motor 7½ h.p.; one conveyor belt with G.E. motor 5 h.p.; one compressor with Leland G.E. motor 1 h.p.; one grinder with Westinghouse motor 2 h.p.; one welder with G.E. 220 volts; one water pump by Fairbanks-Morse ½ h.p.; one fire pump with G.E. motor 15 h.p.; one oil treatment pump with G.E. motor 1 h.p.

Mine No. 1670, Warburg Coal Company, Warburg, one new lump bin.

Mine No. 1727, Whitemud Creek Coal Co. Ltd., Edmonton, one 7½ h.p. electric hoist; one 3 h.p. electric blower fan; enclosed telephone system from the mine to the outside office.

---

## EDSON INSPECTION DISTRICT

(A. L. Lister, *District Office, Edson*)

There were 11 mines producing coal in this district during the year 1955, located by areas as follows:—Coalspur 4; Mountain Park 1; Pembina 3; Prairie Creek 1; Whitecourt 2.

Of this number 7 are strip mines, located by areas as follows:—Coalspur 2; Mountain Park 1; Pembina 2; Whitecourt 2.

During the year, 71 inspections of coal mines were made and reported upon in accordance with The Coal Mines Regulation Act. All serious accidents and complaints were investigated and reports on same were forwarded to the Director of Mines.

During the year, 63 inspections were made for the Workmen's Compensation Board, all of which were reported to the Board.

One miner's examination was held in this district on March 26th at Mercoal. Fourteen candidates passed the examination and were issued miners' certificates. One miner's permit was issued by this office during the year.

Three coal samples were collected and forwarded to the Research Council, University of Alberta, Edmonton, for analysis.

Two trade names were registered under The Coal Sales Act.

Eleven prosecutions were instituted for contravention of The Coal Mines Regulation Act, the particulars of which are as follows: — operator for failing to forward Coal Operators' Monthly Statements on time; an examiner on three counts, viz. for failing to regulate the quantity of explosives used in one shot hole, for firing shots in a coal face which was not properly prepared and for allowing the tamping up of more shots than that set out in an order of the District Inspector; miner on three counts, viz. for having in his working room three detonators in a container other than an approved locked box, for having in his working room explosives in an open wooden box and for having in his possession explosives which were not provided by the owner that day; another miner on the same three counts as above; a person authorized to salvage a mine for failing to comply with an order of the District Inspector. Convictions were obtained in each case.

Four mines were re-opened in this district during the year.

Six mines were temporarily closed in this district during the year.

Two mines were abandoned in this district during the year as follows:—Mine No. 1002, Sterling-Coal Valley Mining Co. Ltd., Coal Valley; Mine No. 1735, Len Collins, Connor Creek.

Eighteen accidents were reported direct to this office from the mines during the year including one fatal accident, the particulars of which are as follows:—a tipple employee was fatally crushed between two railway cars while lowering one of the railway cars to the tipple by gravity. Of the remaining seventeen accidents, three occurred on the surface of which three were classified as slight. The fourteen underground accidents were classified as eight serious and six slight.

On January 15th, the washhouse at Alberta Southern Coal Co. Ltd., Wabamun was completely destroyed by fire.

Particulars as to days lost at each mine during the year on account of shortage of orders are as follows:—Alberta Southern Coal Co. Ltd. 50 days; Canadian Collieries (Dunsmuir) Ltd. (Foothills Mine) 34 days; Canadian Collieries (Dunsmuir) Ltd. (Mercoal Mine) 28 days; Luscar Coals Ltd. 45 days; Sterling-Coal Valley Mining Co. Ltd. 109 days.

One quarry was commenced during the year, but has not as yet started production. One quarry inspection was made during the year.

The following is a list of improvements and installations at the various mines in this district:—

Mine No. 419, Alberta Southern Coal Co. Ltd., Wabamun, constructed a washhouse 19 x 38 feet, equipped with four sprays.

Mine No. 771, Canadian Collieries (Dunsmuir) Ltd., Foothills, installed an 8,000 gallon tank for oil spraying of coal; a gasoline pump to provide fire protection for surface buildings during boiler failure; a small hospital complete with X-ray equipment for emergency use; a slope has been sunk 800 feet with a view to opening a mine in a new location.

Mine No. 846, Canadian Collieries (Dunsmuir) Ltd., Mercoal, installed a 200 h.p. single drum Canadian Ingersoll-Rand Type SE-1 72x48 in. hoist; a 75OK Allis-Chalmers Turbine and spray pond for power house; two 3 x 6 ft. Plato vibrating screens; a Viking coal spray for oiling stoker coal; two trucks for tipple haulage; a fire truck with tank, pump and hose; a 500 gallon per minute pump; some 20,000 feet of ditching was done to reduce underground seepage.

Quarry No. Q 21, Inland Cement Co. Ltd., Cadomin, constructed a four-storey concrete building linked to a loading station by a conveyor gallery; constructed two explosive magazines; installed an Allis-Chalmers Superior Gyratory crusher with a rated capacity of 1,400 tons of 8 in. rock per hour; an Olsen Heater rated at 1.75 million B.T.U.'s; constructed a power plant consisting of a Mirrlees diesel generating unit rated at 550 KVA and a standby Petters diesel generating unit rated at 20 KVA; a Jefferys conveyor with a capacity of 1,400 tons per hour; one 6,000 gallon and one 3,000 gallon oil storage tank; three Copco (light) sinkers, one Ingersoll-Rand 3.5 wagon drill; one Ingersoll-Rand DR-600 Gyro-Flo Compressor rated at 600 c.f.m.; one C.I.L. No. CD 48 condenser exploder type blasting machine.

## LETHBRIDGE INSPECTION DISTRICT

(J. D. B. Brown, *District Office, Lethbridge*)

There were 14 mines producing coal in this district during the year 1955, located by areas as follows:—Brooks 2; Champion 2; Lethbridge 6; Pakowki 1; Redcliff 1; Taber 2.

Of this number 5 are strip mines, located by areas as follows:—Brooks 2; Lethbridge 1; Taber 2.

During the year, 86 inspections of coal mines were made and reported upon in accordance with The Coal Mines Regulation Act. All serious accidents and complaints were investigated and reports on same were forwarded to the Director of Mines.

During the year, 58 inspections were made for the Workmen's Compensation Board, all of which were reported to the Board.

One miner's examination was held in this district on November 26th at Lethbridge. Thirty candidates passed the examination and were issued miners' certificates. Twelve miners' provisional certificates and 114 miners' permits were issued by this office during the year.

One coal sample was collected and forwarded to the Research Council, University of Alberta, Edmonton, for analysis.

Seven mine air samples were collected and forwarded to the Bureau of Mines, Ottawa, for analysis.

One trade name was registered under The Coal Sales Act.

Three prosecutions were instituted for contravention of The Coal Mines Regulation Act, the particulars of which are as follows:—manager for allowing an uncertificated person to work at the face; overman for allowing an uncertificated person to work at the face; pensioner for illegal mining of coal. Convictions were obtained in two cases.

One new mine was opened in this district during the year as follows:—Mine No. 1741, strip mine by S. Katcher, Bow Island.

Three mines were re-opened in this district during the year.

Seven mines were temporarily closed in this district during the year.

Four mines were abandoned in this district during the year as follows:—Mine No. 136, G. Rhodes, Champion; Mine No. 672, W. P. Baker, Medicine Hat; Mine No. 889, G. Rollingson & Sons, Lethbridge; Mine No. 1318, M. R. Johnson & E. Davis, Elkwater.

Sixteen accidents were reported direct to this office from the mines during the year including one fatal accident, the particulars of which are as follows:—a miner fell from a coal trip and was injured, the effects from which he died twelve days later. Of the remaining fifteen accidents which occurred underground, eight were classified as serious and seven classified as slight.

Every fall the underground mines in this district experience a scarcity of experienced miners, and this year the shortage was felt more keenly due to the months of November and December being so cold. Two of the mines re-introduced special training sections to train miners, however, by the time they were properly trained, the demand had lessened.

Particulars as to days lost at each mine during the year on account of shortage of orders are as follows:—Ajax Coal Company 193 days; Steve's Mine 132 days; C. Travaglia 89 days; Lethbridge Collieries Ltd. (1263) 136 days; Lethbridge Collieries Ltd. (1464) 129 days; Champion Coal Company 70 days; Kleenbirn Collieries Ltd. 234 days; Hamilton Coal Company 111 days; Alberta Southern Coal Co. Ltd. 193 days; Coral Coals Ltd. 210 days.

A new natural gas extension was completed this year from Lethbridge to Cardston, through Raymond and Magrath, and this cut into coal sales from the Lethbridge Area. Propane installations in this district, while not up to last year's figures, are still substantial.

There were three quarries operating in this district during the year as follows:—Quarry No. Q 4, Perry Brick and Tile Company, Redcliff; Quarry No. Q 7, Redcliff Pressed Brick Co. Ltd., Redcliff; Quarry No. Q 14, Medicine Hat Brick & Tile Co. Ltd., Medicine Hat. Nine quarry inspections were made during the year.

## ELECTRICAL INSPECTION OF MINES

(B. TAIT, *District Office, Edmonton*)

During 1955 there were 69 mines in Alberta using electrical equipment. In addition to these, four small mines use only miners' electric lamps, battery charging apparatus or electric signals. Four of these 73 mines ceased using electricity during the year. At December 31st there were 69 mines using electricity.

Electrified mines closed during 1955 are as follows:—Mine No. 256, Brazeau Collieries Ltd., Nordegg; Mine No. 852, Alexo Coal Co. Ltd., Alexo; Mine No. 1002, Sterling-Coal Valley Mining Co. Ltd., Coal Valley; Mine No. 1718, Centennial Coal Mine, Donalda.

Ninety-two complete inspections and nine partial inspections were made at mines during the year and all mines using electrical energy have been inspected. Two inspections were made at quarries where electric shovels, draglines, etc., are used.

I am pleased to report no fatal or serious accidents involving the use of electricity, either directly or indirectly, were reported during the year. One slight accident was reported involving burns to fingers.

The total horsepower of motors installed at mines during the year was 845 h.p. above ground and 811 h.p. underground. The larger of these installations are as follows:—

Mine No. 88, Coleman Collieries Ltd., Coleman, installed motors to a total of 238 h.p., mostly in connection with their briquette plant.

Mine No. 402, Red Deer Valley Coal Co. Ltd., Drumheller, electrified their new tipple and coal preparation plant with motors to a total of 66 h.p.

Mine No. 1107, Black Nugget Coal Co. Ltd., Dodds, installed motors in their new coal preparation plant to a total of 83 h.p.

Mine No. 1597, Lehigh Coal Co. Ltd., Sheerness, installed an electric shovel in their strip mine with a 40 h.p., 440 volt motor. An additional 119 h.p. in motors was installed in their new coal preparation plant.

The total horsepower of motors, connected load, in use at mines during 1955 is as follows:—

Surface

| Duty | H.P. |
|---|---|
| Hoisting | 8,312 |
| Ventilation | 2,259 |
| Air Compressing | 8,611 |
| Tipple and Coal Preparation Plants | 15,427 |
| Miscellaneous | 7,693 |
| | 42,302 |

Underground

| Duty | H.P. |
|---|---|
| Pumping | 5,952 |
| Rope Haulage | 1,409 |
| Conveying and Loading | 1,068 |
| Cutting and Drilling | 5,572 |
| Miscellaneous | 3,757 |
| | 17,758 |

Total above and below ground 60,060 h.p.

The figures below show the trend in the use of certain types of electrical equipment underground in mines:

| | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | 1951 | 1952 | 1953 | 1954 | 1955 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Cutting Machines | 147 | 156 | 166 | 184 | 184 | 197 | 183 | 185 | 149 | 141 | 138 |
| Battery Locomotives | 32 | 37 | 39 | 39 | 41 | 47 | 46 | 47 | 42 | 42 | 42 |
| Trolley Locomotives | 15 | 16 | 19 | 22 | 23 | 29 | 29 | 31 | 27 | 25 | 23 |
| Conveyors | 23 | 27 | 38 | 47 | 74 | 92 | 82 | 83 | 50 | 41 | 45 |
| Coal Drills | 31 | 40 | 52 | 59 | 79 | 91 | 93 | 105 | 88 | 94 | 90 |
| Face Loaders | .... | .... | 1 | 6 | 7 | 7 | 11 | 12 | 10 | 10 | 10 |

Kilowatt hours of energy purchased by mining companies from Central Stations:

| Year | K.W.H. | Year | K.W.H. |
|---|---|---|---|
| 1939 | 27,575,926 | 1948 | 49,724,365 |
| 1940 | 31,660,119 | 1949 | 53,590,982 |
| 1941 | 35,973,384 | 1950 | 50,418,029 |
| 1942 | 41,401,573 | 1951 | 50,956,876 |
| 1943 | 41,491,378 | 1952 | 58,317,942 |
| 1944 | 39,349,384 | 1953 | 58,500,593 |
| 1945 | 42,790,653 | 1954 | 50,688,957 |
| 1946 | 46,012,415 | 1955 | 44,932,173 |
| 1947 | 47,892,597 | | |

Five electric shovels, two of them 10-yard shovels, are in use at strip mines with voltage supply from 440 to 4,160 volts. Two diesel-electric shovels are in use with direct current voltage generated at 550 volts. Three 2,300 volt shovels and one operating at 440 volts are in use at quarries.

The majority of mines are supplied with power from Central Stations. In addition, there were in use at mines during 1955, local steam plants with a capacity of 4,785 kilowatts and diesel or gasoline engine driven plants with a capacity of 1,520 kilowatts.

New Electrical Regulations have been adopted this year, replacing the old Regulations. The Part V, Canadian Electrical Code is now in force as of July 1st, 1955.

REPORT OF ANALYSES*OF COMMERCIAL COAL SAMPLES **

Samples taken during 1955 and published in accordance with Regulation 16 (5) of The Coal Sales Regulations established pursuant to The Coal Sales Act.

| | Lump | Egg | Nut | Stoker | Slack |
|---|---|---|---|---|---|
| | Western Dominion Coal Mines Ltd. | | | Mine No. 443 | |
| Size | Plus 4½" rd. | 4½x2" rd. | 1½ sq.x2" rd | 1¼x½" sq. | -½" sq. |
| Proximate Analysis | | | | | |
| Moisture........... % | 26.6 | 25.8 | 26.8 | 26.3 | 26.6 |
| Ash................ % | 6.1 | 6.2 | 5.8 | 5.8 | 6.4 |
| Volatile Matter.... % | 32.4 | 30.7 | 28.6 | 29.7 | 29.4 |
| Fixed Carbon....... % | 34.9 | 37.3 | 38.8 | 38.2 | 37.6 |
| Sulphur............ % | 0.3 | 0.4 | 0.4 | 0.4 | 0.6 |
| Calorific Value Btu/lb. | 8420 | 8480 | 8410 | 8390 | 8240 |
| Ash Softening Temp. °F. | 2160 | 2170 | 2100 | 2110 | 2090 |
| Caking Properties (1) | N.A. | N.A. | N.A. | N.A. | N.A. |
| Grindability (2) | 33 | 31 | 31 | 35 | 33 |
| Calorific Value: Dry mineral matter free - Btu/lb.............. | 12,630 | 12,590 | 12,600 | 12,460 | 12,435 |
| Tonnage sampled | 30 | 30 | 20 | 20 | 30 |
| | Battle River Coal Co. Ltd. | | | Mine No. 1046 | |
| Size | Plus 4½" rd. | 2x4½" rd. | 1x2" rd. | ½x1" rd. | 0x½" rd. |
| Proximate Analysis | | Stove | | | |
| Moisture........... % | 24.5 | 24.8 | 25.2 | 24.5 | 25.3 |
| Ash................ % | 7.0 | 7.2 | 6.8 | 7.1 | 7.8 |
| Volatile Matter.... % | 29.2 | 28.8 | 28.7 | 29.4 | 28.9 |
| Fixed Carbon....... % | 39.3 | 39.2 | 39.3 | 39.0 | 38.0 |
| Sulphur............ % | 0.6 | 0.4 | 0.4 | 0.4 | 0.4 |
| Calorific Value Btu/lb. | 8650 | 8560 | 8660 | 8640 | 8430 |
| Ash Softening Temp. °F. | 2060 | 2070 | 2060 | 2070 | 2070 |
| Caking Properties (1) | N.A. | N.A. | N.A. | N.A. | N.A. |
| Grindability (2) | 31 | 32 | 30 | 30 | 31 |
| Calorific Value: Dry Mineral matter free - Btu/lb.............. | 12,765 | 12,745 | 12,865 | 12,780 | 12,755 |
| Tonnage sampled | 20 | 40 | 18 | 15 | 15 |

| | Lump | Egg | Nut | Stoker | Slack |
|---|---|---|---|---|---|
| Egg Lake Coal Co. Ltd. | | | Mine No. 1582 | | |
| Size | Plus 4" sq. | 2.4" sq. | 1x2" sq. | ½ sq.x1¼" rd. | 0x½" sq. |
| | | Stove | | | |
| Proximate Analysis | | | | | |
| Moisture........... % | 26.0 | 26.3 | 25.0 | 25.7 | 26.0 |
| Ash................ % | 6.1 | 8.0 | 9.6 | 11.1 | 12.2 |
| Volatile Matter.... % | 29.0 | 28.2 | 28.1 | 28.2 | 27.1 |
| Fixed Carbon....... % | 38.9 | 37.5 | 37.3 | 35.0 | 34.7 |
| Sulphur............ % | 0.3 | 0.2 | 0.3 | 0.2 | 0.2 |
| Calorific Value Btu/lb. | 8520 | 8160 | 8155 | 7820 | 7640 |
| Ash Softening Temp. °F | 2240 | 2260 | 2270 | 2280 | 2280 |
| Caking Properties (1) | N.A. | N.A. | N.A. | N.A. | N.A. |
| Grindability (2) | 36 | 33 | 35 | 35 | 37 |
| Calorific Value: Dry mineral matter free - Btu/lb.............. | 12,665 | 12,585 | 12,650 | 12,585 | 12,610 |
| Tonnage sampled | 15 | 15 | 15 | 15 | 15 |
| Lehigh Coal Company | | | Mine No. 1597 | | |
| Size | Plus 4½" rd. | 4½x2" rd. | 2 rd.x1¼" sq. | 1¼ sq.x½" rd. | |
| Proximate Analysis | | | | | |
| Moisture........... % | 26.8 | 26.8 | 26.4 | 26.8 | |
| Ash................ % | 6.3 | 7.1 | 7.6 | 7.4 | |
| Volatile Matter.... % | 28.6 | 28.6 | 29.1 | 28.2 | |
| Fixed Carbon....... % | 38.3 | 37.5 | 36.9 | 37.6 | |
| Sulphur............ % | 0.4 | 0.7 | 0.5 | 0.5 | |
| Calorific Value Btu/lb. | 8260 | 8260 | 8190 | 8120 | |
| Ash Softening Temp. °F. | 2170 | 2190 | 2130 | 2120 | |
| Caking Properties (1) | N.A. | N.A. | N.A. | N.A. | |
| Grindability (2) | 36 | 32 | 33 | 33 | |
| Calorific Value: Dry mineral matter free - Btu/lb.............. | 12,490 | 12,655 | 12,555 | 12,480 | |
| Tonnage sampled | 15 | 40 | 15 | 15 | |
| Camrose Collieries Ltd. | | | Mine No. 1603 | | |
| Size | Plus 4" rd. | 2 sq.x4" rd. | 1 3/8x2" sq. | 3/4x1 3/8" sq. | |
| Proximate Analysis | | | | | |
| Moisture........... % | 25.0 | 25.2 | 25.3 | 24.8 | |
| Ash................ % | 4.8 | 5.1 | 6.3 | 8.5 | |
| Volatile Matter.... % | 29.8 | 29.6 | 28.8 | 29.2 | |
| Fixed Carbon....... % | 40.4 | 40.1 | 39.6 | 37.5 | |
| Sulphur............ % | 0.2 | 0.3 | 0.2 | 0.3 | |
| Calorific Value Btu/lb. | 8810 | 8720 | 8690 | 8450 | |
| Ash Softening Temp. °F. | 2160 | 2160 | 2220 | 2300 | |
| Caking Properties (1) | N.A. | N.A. | N.A. | N.A. | |
| Grindability (2) | 34 | 34 | 32 | 33 | |
| Calorific Value: Dry mineral matter free - Btu/lb.............. | 12,635 | 12,610 | 12,835 | 12,835 | |
| Tonnage sampled | 40 | 20 | 17 | 15 | |

| | Lump | |
|---|---|---|
| | Joy Coal Company | Mine No. 1669 |
| Size | Plus 2" rd. | |
| Proximate Analysis | | |
| Moisture........... % | 18.4 | |
| Ash................ % | 5.5 | |
| Volatile Matter.... % | 31.5 | |
| Fixed Carbon....... % | 44.6 | |
| Sulphur............. % | 0.6 | |
| Calorific Value Btu/lb. | 9850 | |
| Ash Softening Temp. °F | 2050 | |
| Caking Properties (1) | N.A. | |
| Grindability (2) | 39 | |
| Calorific Value: Dry mineral matter free - Btu/lb............. | 13,040 | |
| Tonnage sampled | 20 | |
| ** Sample crushed at mine to -½ in. | | |

(1) By Volatile at 950 °C. N.A. = Non-agglomerate
(2) Hardgrove Index
* Analysis on capacity moisture basis
** Sample crushed at mine to ½ in.

Annual Production and Valuation of Coal From Mines
In The Province of Alberta.

| Year | Output<br>Tons | Valuation<br>Dollars |
|---|---|---|
| 1905........................... | 811,228 | $ .......... |
| 1906........................... | 1,385,000 | .......... |
| 1907........................... | 1,834,745 | .......... |
| 1908........................... | 1,845,000 | .......... |
| 1909........................... | 2,174,329 | .......... |
| 1910........................... | 3,036,757 | .......... |
| 1911........................... | 1,694,564 | .......... |
| 1912........................... | 3,446,349 | .......... |
| 1913........................... | 4,306,346 | .......... |
| 1914........................... | 3,821,739 | .......... |
| 1915........................... | 3,434,891 | .......... |
| 1916........................... | 4,648,604 | .......... |
| 1917........................... | 4,863,414 | .......... |
| 1918........................... | 6,148,620 | .......... |
| 1919........................... | 5,022,412 | .......... |
| 1920........................... | 6,908,923 | .......... |
| 1921........................... | 5,937,195 | .......... |
| 1922........................... | 5,976,432 | .......... |
| 1923........................... | 6,866,923 | .......... |
| 1924........................... | 5,203,713 | .......... |
| 1925........................... | 5,883,394 | .......... |
| 1926........................... | 6,508,908 | .......... |
| 1927........................... | 6,936,780 | .......... |
| 1928........................... | 7,334,179 | .......... |
| 1929........................... | 7,147,250 | .......... |
| 1930........................... | 5,755,911 | .......... |
| 1931........................... | 4,563,309 | .......... |
| 1932........................... | 4,867,984 | .......... |
| 1933........................... | 4,714,784 | 12,197,339 |
| 1934........................... | 4,748,848 | 12,440,616 |
| 1935........................... | 5,462,973 | 13,946,338 |
| 1936........................... | 5,696,375 | 14,720,004 |
| 1937........................... | 5,551,682 | 14,434,969 |
| 1938........................... | 5,230,015 | 13,702,983 |
| 1939........................... | 5,518,105 | 14,454,327 |
| 1940........................... | 6,205,088 | 16,334,323 |
| 1941........................... | 6,970,064 | 19,337,420 |
| 1942........................... | 7,754,279 | 22,562,352 |
| 1943........................... | 7,677,982 | 22,624,410 |
| 1944........................... | 7,427,433 | 26,741,357 |
| 1945........................... | 7,801,248 | 27,699,333 |
| 1946........................... | 8,824,455 | 33,197,261 |
| 1947........................... | 8,074,596 | 36,317,343 |
| 1948........................... | 8,111,013 | 41,875,044 |
| 1949........................... | 8,616,983 | 44,541,538 |
| 1950........................... | 8,118,206 | 41,631,579 |
| 1951........................... | 7,661,276 | 41,000,953 |
| 1952........................... | 7,194,472 | 39,974,318 |
| 1953........................... | 5,917,423 | 32,158,435 |
| 1954........................... | 4,859,136 | 26,349,275 |
| 1955........................... | 4,456,578 | 23,486,399 |

## PARTICULARS WITH REFERENCE TO THE COAL MINING INDUSTRY IN THE PROVINCE OF ALBERTA DURING THE YEAR ENDING DECEMBER 31, 1955.

### SUMMARY OF STATISTICS

| | |
|---|---|
| Number of short tons of coal produced | 4,456,578 |
| Number of short tons of briquettes made | 435,785 |
| Number of short tons of shale, clay and limestone produced | 1,125,032 |
| Number of quarries in operation during the year | 15 |
| Number of mines in operation during the year | 116 |
| Number of mines opened during the year | 1 |
| Number of mines re-opened during the year | 38 |
| Number of mines closed during the year | 60 |
| Number of mines abandoned during the year | 16 |
| Number of mines in operation at December 31st, 1955 | 93 |

34 mines or 29.31% of the total operating produced .24% of the output
28 mines or 24.14% of the total operating produced 1.61% of the output
12 mines or 10.34% of the total operating produced 2.00% of the output
18 mines or 15.52% of the total operating produced 11.22% of the output
9 mines or 7.76% of the total operating produced 16.43% of the output
4 mines or 3.45% of the total operating produced 11.11% of the output
4 mines or 3.45% of the total operating produced 15.48% of the output
5 mines or 4.31% of the total operating produced 26.59% of the output
2 mines or 1.72% of the total operating produced 15.32% of the output

| | |
|---|---|
| Average number of persons employed above ground | 981 |
| Average number of persons employed below ground | 2,198 |
| Average number of persons employed at strip mining | 622 |
| Average number of days worked | 178.6 |
| Total number of manshifts | 783,239 |
| Number of separate accidents causing loss of life | 3 |
| Number of fatal accidents above ground | 2 |
| Number of fatal accidents below ground | 1 |
| Number of serious accidents above ground | 6 |
| Number of serious accidents below ground | 48 |
| Number of slight accidents above ground | 10 |
| Number of slight accidents below ground | 42 |
| Number of fatal accidents in quarries | 1 |
| Total purchased electric power (kilowatt hours) | 44,132,973 |
| Number of prosecutions instituted | 25 |
| Number of trade name certificates issued | 13 |
| Number of provisional overmen's certificates issued | 28 |
| Number of provisional examiners' certificates issued | 3 |
| Number of provisional electricians' certificates issued | 4 |
| Number of provisional foremen's certificates issued | 12 |
| Number of provisional blasters' (strip mine) certificates issued | 3 |
| Number of provisional miners' certificates issued | 40 |
| Number of miners' permits issued | 179 |
| Number of miners' certificates issued | 78 |
| Number of miners' duplicate certificates issued | 21 |
| Number of second class certificates issued | 1 |
| Number of third class certificates issued | 3 |
| Number of mine surveyors' certificates issued | 1 |
| Number of first class mine electricians' certificates issued | 2 |
| Number of second class mine electricians' certificates issued | 1 |
| Number of strip mine foremen's certificates issued | 6 |
| Number of strip mine blasters' certificates issued | 1 |
| Number of quarry blasters' certificates issued | 3 |
| Number of first class certificates issued up to Dec. 31/55 | 313 |
| Number of second class certificates issued up to Dec. 31/55 | 617 |
| Number of third class certificates issued up to Dec. 31/55 | 1,842 |
| Number of mine surveyors' certificates issued up to Dec. 31/55 | 245 |
| Number of first class mine electricians' certificates issued up to Dec. 31/55 | 164 |
| Number of second class mine electricians' certificates issued up to Dec. 31/55 | 33 |
| Number of strip mine managers' certificates issued up to Dec. 31/55 | 158 |
| Number of foremen's certificates issued up to Dec. 31/55 | 214 |
| Number of strip mine blasters' certificates issued up to Dec. 31/55 | 58 |
| Number of quarry blasters' certificates issued up to Dec. 31/55 | 20 |
| Number of miners' certificates issued up to Dec. 31/55 | 20,791 |

## PARTICULARS OF WORK DONE IN QUARRIES IN THE PROVINCE DURING 1955.

| | |
|---|---:|
| Number of short tons of shale, clay and limestone produced | 1,125,032 |
| Number of short tons of shale, clay and limestone imported | 16,358 |
| Number of short tons of shale used making bricks | 94,343 |
| Number of short tons of shale used making tile | 44,304 |
| Number of short tons of shale used making building products | 14,519 |
| Number of short tons of limestone used making cement | 893,612 |
| Number of short tons of limestone used making lime | 72,712 |
| Number of short tons of limestone used making rock dust | 21,900 |
| Total number of shifts worked | 28,518 |
| Total number of men employed | 232 |
| Number of pounds of explosives used | 190,300 |
| Number of shots fired | 18,161 |
| Number of miss-shots | 25 |
| Total number of bricks made | 35,362,079 |
| Total number of bricks put to stock | 4,320,625 |
| Total number of bricks lifted from stock | 935,920 |

| | | |
|---|---|---:|
| Bricks sold for use in: | Alberta | 20,277,168 |
| | Saskatchewan | 4,073,580 |
| | British Columbia | 3,670,521 |
| | Manitoba | 3,466,105 |
| | Ontario | 381,500 |
| | Elsewhere | 108,500 |
| | Total | 31,977,374 |

| | |
|---|---:|
| Number of tons of tile made | 43,133 |
| Number of tons of tile put to stock | 1,297 |
| Number of tons of tile lifted from stock | 2,990 |
| Number of tons of tile sold | 44,826 |

CLASSIFICATION OF OUTPUT DURING THE YEARS 1901 to 1955 INCLUSIVE

| Year | Domestic | Domestic and Bituminous | Sub-bituminous | Bituminous | Anthracite | Coal used in coke Production | Briquettes | Coke |
|---|---|---|---|---|---|---|---|---|
| 1901...... | ......... | 331,907 | .......... | .......... | 14,742 | ...... | ....... | ....... |
| 1902...... | ......... | 494,087 | .......... | .......... | 16,587 | ...... | ....... | ....... |
| 1903...... | ......... | 617,754 | .......... | .......... | 5,185 | ...... | ....... | ....... |
| 1904...... | ......... | 759,568 | .......... | .......... | 23,363 | ...... | ....... | ....... |
| 1905...... | ......... | 972,686 | .......... | .......... | 43,653 | 71,292 | ....... | 46,640 |
| 1906...... | 602,780 | ...... | .......... | 546,623 | 235,597 | 103,930 | ....... | 69,844 |
| 1907...... | 639,335 | ...... | .......... | 939,295 | 256,115 | 112,887 | 49,585 | 73,782 |
| 1908...... | 584,334 | ...... | .......... | 1,011,571 | 249,095 | 128,397 | 36,261 | 75,657 |
| 1909...... | 763,673 | ...... | .......... | 1,197,399 | 213,257 | 148,104 | 89,785 | 87,812 |
| 1910...... | 878,011 | ...... | .......... | 1,896,961 | 261,785 | 196,249 | 108,996 | 121,578 |
| 1911...... | 964,700 | ...... | .......... | 649,745 | 80,119 | 61,591 | 48,200 | 35,984 |
| 1912...... | 1,341,389 | ...... | .......... | 1,926,371 | 178,589 | 170,818 | 90,000 | 105,684 |
| 1913...... | 1,763,225 | ...... | .......... | 2,374,401 | 168,720 | 104,012 | 130,861 | 65,167 |
| 1914...... | 1,697,401 | ...... | .......... | 1,953,367 | 170,971 | 44,249 | 109,082 | 29,058 |
| 1915...... | 1,682,922 | ...... | .......... | 1,626,237 | 125,732 | 38,878 | 83,180 | 23,826 |
| 1916...... | 2,172,801 | ...... | .......... | 2,335,259 | 140,544 | 67,105 | 107,959 | 41,950 |
| 1917...... | 2,537,829 | ...... | .......... | 2,206,868 | 118,717 | 51,905 | 93,818 | 31,630 |
| 1918...... | 3,035,061 | ...... | .......... | 2,982,334 | 131,225 | 53,462 | 100,470 | 32,858 |
| 1919...... | 2,611,009 | ...... | .......... | 2,325,787 | 85,616 | ...... | 70,033 | ....... |
| 1920...... | 3,359,309 | ...... | .......... | 3,419,021 | 130,594 | ...... | 101,693 | ....... |
| 1921...... | 2,943,141 | ...... | .......... | 2,897,380 | 96,674 | ...... | 62,466 | ....... |
| 1922...... | 3,086,669 | ...... | 635,073 | 2,214,273 | 40,417 | ...... | 33,663 | ....... |
| 1923...... | 3,161,741 | ...... | 463,461 | 3,241,614 | 107 | ...... | 39,638 | ....... |
| 1924...... | 3,096,660 | ...... | 591,946 | 1,515,107 | ....... | ...... | ....... | ....... |
| 1925...... | 3,156,359 | ...... | 581,835 | 2,145,200 | ....... | ...... | 791 | ....... |
| 1926...... | 3,160,029 | ...... | 490,371 | 2,858,508 | ....... | ...... | 11,381 | ....... |
| 1927...... | 3,357,171 | ...... | 595,190 | 2,984,419 | ....... | 287 | 20,649 | 173 |
| 1928...... | 3,378,200 | ...... | 740,498 | 3,215,481 | ....... | ...... | 24,768 | ....... |
| 1929...... | 3,385,749 | ...... | 668,108 | 3,093,393 | ....... | ...... | 28,167 | ....... |
| 1930...... | 2,874,090 | ...... | 603,331 | 2,278,490 | ....... | ...... | 24,111 | ....... |
| 1931...... | 2,245,563 | ...... | 471,389 | 1,846,357 | ....... | ...... | 15,102 | ....... |
| 1932...... | 2,574,785 | ...... | 559,479 | 1,733,720 | ....... | 4,591 | 13,582 | 2,183 |
| 1933...... | 2,434,047 | ...... | 554,141 | 1,726,596 | ....... | 75,275 | 14,935 | 49,279 |
| 1934...... | 2,295,566 | ...... | 537,542 | 1,915,740 | ....... | 91,745 | 15,906 | 59,703 |
| 1935...... | 2,647,912 | ...... | 566,436 | 2,248,625 | ....... | 98,233 | 18,812 | 63,428 |
| 1936...... | 2,841,231 | ...... | 566,486 | 2,288,658 | ....... | 97,353 | 21,015 | 65,349 |
| 1937...... | 2,631,150 | ...... | 506,529 | 2,414,003 | ....... | 99,537 | 27,044 | 65,967 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1938...... | 2,453,263 | ......... | 488,912 | 2,287,850 | ....... | 103,498 | 39,239 | 68,692 |
| 1939...... | 2,449,199 | ......... | 512,105 | 2,556,801 | ....... | 103,191 | 48,510 | 68,913 |
| 1940...... | 2,537,205 | ......... | 598,686 | 3,069,197 | ....... | 105,926 | 66,127 | 70,753 |
| 1941...... | 2,713,254 | ......... | 585,453 | 3,671,357 | ....... | 105,390 | 126,188 | 70,354 |
| 1942...... | 3,213,113 | ......... | 733,547 | 3,807,619 | ....... | 107,410 | 197,905 | 71,572 |
| 1943...... | 3,416,037 | ......... | 791,952 | 3,469,993 | ....... | 101,132 | 222,106 | 67,348 |
| 1944...... | 3,146,801 | ......... | 729,427 | 3,551,205 | ....... | 101,633 | 253,592 | 67,821 |
| 1945...... | ......... | ......... | 3,200,485 | 4,600,763 | ....... | 64,280 | 250,274 | 43,180 |
| 1946...... | ......... | ......... | 3,434,859 | 5,389,596 | ....... | 64,878 | 275,646 | 43,206 |
| 1947...... | ......... | ......... | 3,237,220 | 4,837,376 | ....... | 81,128 | 282,898 | 52,627 |
| 1948...... | ......... | ......... | 3,190,217 | 4,920,796 | ....... | 78,795 | 321,574 | 45,718 |
| 1949...... | ......... | ......... | 3,121,656 | 5,495,327 | ....... | 91,361 | 460,643 | 54,922 |
| 1950...... | ......... | ......... | 3,325,186 | 4,793,020 | ....... | 23,079 | 409,855 | 16,637 |
| 1951...... | ......... | ......... | 3,001,987 | 4,659,289 | ....... | 6,957 | 345,768* | 3,959 |
| 1952...... | ......... | ......... | 2,815,850 | 4,378,622 | ....... | 3,474 | 661,862* | 574 |
| 1953...... | ......... | ......... | 2,399,924 | 3,517,499 | ....... | ....... | 665,556* | ...... |
| 1954...... | ......... | ......... | 2,456,951 | 2,402,185 | ....... | ....... | 635,501 | ...... |
| 1955...... | ......... | ......... | 2,341,686 | 2,114,892 | ....... | ....... | 435,785 | ...... |

1901 to 1905 includes outputs from Alberta and Saskatchewan. Previous to 1922 sub-bituminous coal was included in bituminous coal.

During the year 1909 a strike affecting all the larger mines in the Province, lasted for a period of three months.
During the year 1911 a strike affecting all the larger mines in the Province, lasted for a period of eight months.
During the year 1917 a strike affecting all the larger mines in the Province, lasted for a period of three months.
During the year 1919 a strike affecting all the larger mines in the Province, lasted for a period of three months.
During the year 1922 a strike affecting all the larger mines in the Province, lasted for a period of five months.
During the year 1924 a strike affecting all the larger mines in the Province, lasted for a period of six months and one-half.
* 1,742 tons of Fabricoal, in 1951, 8,266 tons in 1952, and 945 tons in 1953.

Total Output of Coal disposed of during 1955

| Areas | Sold for Consumption in: | | | | | | | Total Sales | Used under Colliery Boilers | Used by Colliery Railroads | Used making Briquettes | Put to Stock | Put to Waste | Lifted from Stock | Lifted from Waste | Total Output |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Alberta | Sask-atchewan | British Columbia | Manitoba | Ontario | United States | Sold to Railroad Compan-ies | | | | | | | | | |
| Bituminous | 148482 | 51944 | 611620 | 76527 | 69101 | 32116 | 431639 | 1421429 | 70316 | 1186 | 415311 | 1210001 | 169317 | 1170545 | 2123 | 2114892 |
| S.Bituminous | 931897 | 841433 | 321144 | 217192 | 21626 | 825 | ... | 2334117 | 2919 | ... | ... | 22018 | 4909 | 21979 | 298 | 2341686 |
| Total | 1080379 | 893377 | 932764 | 293719 | 90727 | 32941 | 431639 | 3755546 | 73235 | 1186 | 415311 | 1232019 | 174226 | 1192524 | 2421 | 4456578 |
| Briquettes | 10469 | 3506 | 31714 | 28995 | 13044 | ... | 350260 | 437988 | ... | ... | ... | 40882 | ... | 43085 | ... | 435785 |
| Coke | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fabricoal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

How the total Output of BITUMINOUS COAL from the Province was disposed of by areas during 1955

| Areas | Sold for Consumption in: | | | | | | | | Total Sales | Used under Colliery Boilers | Used by Colliery Railroads | Used making Briquettes | Put to Stock | Put to Waste | Lifted from Stock | Lifted from Waste | Total Output |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Alberta | Saskatchewan | British Columbia | Manitoba | Ontario | Japan | United States | Sold to Railroad Companies | | | | | | | | | |
| Group 1: | | | | | | | | | | | | | | | | | |
| Cascade | 1026 | 2211 | 7907 | 3196 | 10429 | ... | 334 | 99932 | 125035 | 6251 | 1006 | 79711 | 98908 | ... | 109398 | ... | 201513 |
| Highwood | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nordegg | 132 | ... | ... | ... | ... | ... | ... | ... | 132 | 463 | ... | 3236 | ... | ... | 435 | ... | 3396 |
| Group 2: | | | | | | | | | | | | | | | | | |
| Crowsnest | 41363 | 5276 | 175117 | 37679 | 21475 | ... | 31565 | 291388 | 603863 | 7259 | 180 | 322193 | 1064099 | 155356 | 994708 | 2123 | 1156119 |
| Mtn. Park | 458 | 166 | 116147 | 12699 | 1966 | ... | ... | 26881 | 158317 | 9847 | ... | 10171 | ... | ... | ... | ... | 178335 |
| Oldman | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 3: | | | | | | | | | | | | | | | | | |
| Coalspur | 16056 | 4948 | 281472 | 17780 | 31076 | ... | ... | 13438 | 364770 | 43556 | ... | ... | 41329 | 13912 | 58463 | ... | 405104 |
| Halcourt | 960 | ... | ... | ... | ... | ... | ... | ... | 960 | ... | ... | ... | ... | ... | ... | ... | 960 |
| Lethbridge | 83279 | 38523 | 29360 | 4710 | 3403 | ... | 217 | ... | 159492 | 2563 | ... | ... | 5596 | 21 | 6119 | ... | 161553 |
| Pekisko | 3350 | 208 | 1617 | ... | ... | ... | ... | ... | 5175 | ... | ... | ... | ... | ... | ... | ... | 5175 |
| Pincher | 80 | ... | ... | ... | ... | ... | ... | ... | 80 | ... | ... | ... | ... | 28 | ... | ... | 108 |
| Pr. Creek | 419 | ... | ... | ... | ... | ... | ... | ... | 419 | ... | ... | ... | ... | ... | ... | ... | 419 |
| Saunders | 1359 | 612 | ... | 463 | 752 | ... | ... | ... | 3186 | 377 | ... | ... | 69 | ... | 1422 | ... | 2210 |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 148482 | 51944 | 611620 | 76527 | 69101 | ... | 32116 | 431639 | 1421429 | 70316 | 1186 | 415311 | 1210001 | 169317 | 1170545 | 2123 | 2114892 |

How the total Output of SUB-BITUMINOUS COAL from the Province was disposed of by areas during 1955

| Areas | Sold for Consumption in: | | | | | | Total Sales | Used under Colliery Boilers | Used making Fabricoal | Put to Stock | Put to Waste | Lifted from Stock | Lifted from Waste | Total Output |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Alberta | Saskatchewan | British Columbia | Manitoba | Ontario | United States | | | | | | | | |
| Group 4: | | | | | | | | | | | | | | |
| Ardley | 63249 | ... | ... | ... | ... | ... | 63249 | ... | ... | ... | 198 | ... | ... | 63447 |
| Big Valley | 1745 | ... | ... | ... | ... | ... | 1745 | ... | ... | ... | ... | ... | ... | 1745 |
| Brooks | 23327 | 19776 | 2116 | 7507 | 660 | ... | 53386 | ... | ... | 2290 | 99 | 1761 | 11 | 54003 |
| Carbon | 52610 | ... | ... | 166 | ... | ... | 52776 | ... | ... | ... | 310 | ... | ... | 53086 |
| Champion | 6563 | ... | ... | ... | ... | ... | 6563 | ... | ... | ... | ... | ... | ... | 6563 |
| Drumheller | 192261 | 457725 | 144897 | 114811 | 19172 | 662 | 929528 | 2706 | ... | 19308 | 2920 | 20218 | 287 | 933957 |
| Edmonton | 206402 | 6705 | 798 | 3872 | 269 | ... | 218046 | 213 | ... | ... | ... | ... | ... | 218259 |
| Gleichen | 8534 | ... | ... | ... | ... | ... | 8534 | ... | ... | ... | ... | ... | ... | 8534 |
| Pembina | 76796 | 21097 | 95914 | 1991 | ... | ... | 195798 | ... | ... | ... | 6 | ... | ... | 195804 |
| Taber | 19654 | 12703 | 7282 | 5857 | 131 | ... | 45627 | ... | ... | ... | ... | ... | ... | 45627 |
| Wetaskiwin | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Whitecourt | 733 | ... | ... | ... | ... | ... | 733 | ... | ... | ... | ... | ... | ... | 733 |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 5: | | | | | | | | | | | | | | |
| Camrose | 39532 | 1256 | 4653 | 84 | 87 | 87 | 45699 | ... | ... | 420 | ... | ... | ... | 46119 |
| Castor | 158819 | 244566 | 58401 | 66581 | 707 | 76 | 529150 | ... | ... | ... | 1314 | ... | ... | 530464 |
| Pakowki | 20 | ... | ... | ... | ... | ... | 20 | ... | ... | ... | ... | ... | ... | 20 |
| Redcliff | 4432 | ... | ... | ... | ... | ... | 4432 | ... | ... | ... | ... | ... | ... | 4432 |
| Sheerness | 28486 | 64200 | 6484 | 12906 | 475 | ... | 112551 | ... | ... | ... | ... | ... | ... | 112551 |
| Tofield | 39424 | 13405 | 599 | 3417 | 125 | ... | 56970 | ... | ... | ... | ... | ... | ... | 56970 |
| Westlock | 9310 | ... | ... | ... | ... | ... | 9310 | ... | ... | ... | 62 | ... | ... | 9372 |
| Total: | 931897 | 841433 | 321144 | 217192 | 21626 | 825 | 2334117 | 2919 | ... | 22018 | 4909 | 21979 | 298 | 2341686 |

How the total Output of COAL from the Province was disposed of by months during 1955

| Months | Sold for Consumption in: | | | | | | | | Total Sales | Used under Colliery Boilers | Used by Colliery Railroads | Used making Briquettes | Put to Stock | Put to Waste | Lifted from Stock | Lifted from Waste | Total Output |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Alberta | Saskatchewan | British Columbia | Manitoba | Ontario | Japan | United States | Sold to Railroad Companies | | | | | | | | | |
| January | 130220 | 100862 | 95398 | 36518 | 7802 | ... | 4519 | 45921 | 421240 | 8178 | 89 | 42268 | 61838 | 10953 | 63368 | 2123 | 479075 |
| February | 94764 | 73951 | 83472 | 26613 | 6243 | ... | 3951 | 41581 | 330575 | 6493 | 79 | 28168 | 64060 | 10997 | 67313 | 11 | 373048 |
| March | 113432 | 74302 | 94201 | 23179 | 5107 | ... | 2653 | 36147 | 349021 | 7488 | 103 | 27270 | 77587 | 11449 | 65619 | 51 | 407248 |
| April | 20306 | 24468 | 60817 | 3132 | 1798 | ... | 996 | 34883 | 146400 | 5765 | 74 | 28663 | 83700 | 9335 | 73078 | 48 | 200811 |
| May | 37148 | 35186 | 57517 | 6312 | 2338 | ... | 1335 | 42101 | 181937 | 5707 | 84 | 30121 | 95693 | 10655 | 80383 | 48 | 243766 |
| June | 18622 | 34785 | 56653 | 6819 | 2568 | ... | 805 | 34804 | 155056 | 5205 | 84 | 32799 | 110426 | 9353 | 91943 | 44 | 220936 |
| July | 19036 | 22678 | 45822 | 5770 | 1070 | ... | 986 | 30550 | 125912 | 3498 | 49 | 24842 | 108287 | 7323 | 109249 | 40 | 160622 |
| August | 22394 | 45598 | 62194 | 13641 | 8309 | ... | 2028 | 29355 | 183519 | 5480 | 84 | 28376 | 128623 | 8705 | 107767 | 56 | 246964 |
| September | 75904 | 83987 | 77773 | 30220 | 9640 | ... | 2336 | 24802 | 304662 | 6031 | 79 | 21610 | 117914 | 20404 | 120077 | ... | 350623 |
| October | 130442 | 105753 | 82226 | 32667 | 15092 | ... | 2772 | 34136 | 403088 | 5843 | 118 | 42137 | 133207 | 22997 | 126615 | ... | 480755 |
| November | 233484 | 139592 | 110440 | 45961 | 14995 | ... | 5138 | 35517 | 585127 | 6329 | 157 | 54140 | 123683 | 25831 | 144181 | ... | 651086 |
| December | 184627 | 152215 | 106251 | 62887 | 15765 | ... | 5422 | 41842 | 569009 | 7218 | 186 | 54917 | 127001 | 26244 | 142931 | ... | 641644 |
| Total: | 1080379 | 893377 | 932764 | 293719 | 90727 | ... | 32941 | 431639 | 3755546 | 73235 | 1186 | 415311 | 1232019 | 174226 | 1192524 | 2421 | 4456578 |
| % of Total Sales | 28.77 | 23.79 | 24.84 | 7.82 | 2.41 | ... | .88 | 11.49 | | | | | | | | | |

How the total Output of BITUMINOUS COAL was disposed of by months during 1955

| Months | Sold for Consumption in: | | | | | | | | Total Sales | Used under Colliery Boilers | Used by Colliery Railroads | Used making Briquettes | Put to Stock | Put to Waste | Lifted from Stock | Lifted from Waste | Total Output |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Alberta | Saskatch-ewan | British Columbia | Manitoba | Ontario | Japan | United States | Sold to Railroad Companies | | | | | | | | | |
| January | 16655 | 3826 | 62484 | 7942 | 4709 | ... | 4519 | 45921 | 146056 | 7744 | 89 | 42268 | 60602 | 9983 | 61130 | 2123 | 203489 |
| February | 10721 | 2920 | 54246 | 5935 | 4216 | ... | 3815 | 41581 | 123434 | 6059 | 79 | 28168 | 62659 | 10823 | 65274 | ... | 165948 |
| March | 13543 | 2288 | 62223 | 5040 | 3407 | ... | 2653 | 36147 | 125301 | 7110 | 103 | 27270 | 77316 | 11280 | 63409 | ... | 184971 |
| April | 4878 | 792 | 42471 | 1061 | 1645 | ... | 996 | 34883 | 86726 | 5623 | 74 | 28663 | 82720 | 9333 | 72847 | ... | 140292 |
| May | 15517 | 1566 | 36250 | 1930 | 2143 | ... | 1335 | 42101 | 100842 | 5567 | 84 | 30121 | 94768 | 10525 | 79389 | ... | 162518 |
| June | 4346 | 1165 | 40455 | 2875 | 1621 | ... | 805 | 34804 | 86071 | 5094 | 84 | 32799 | 108045 | 8899 | 91591 | ... | 149401 |
| July | 7427 | 801 | 31752 | 3050 | 702 | ... | 986 | 30550 | 75268 | 3421 | 49 | 24842 | 106676 | 7323 | 106083 | ... | 111496 |
| August | 4672 | 6507 | 38677 | 5341 | 7331 | ... | 2028 | 29355 | 93911 | 5370 | 84 | 28376 | 126543 | 8705 | 106281 | ... | 156708 |
| September | 12280 | 4878 | 54948 | 7914 | 7810 | ... | 1845 | 24802 | 114477 | 5888 | 79 | 21610 | 114820 | 20357 | 118102 | ... | 159129 |
| October | 15788 | 6847 | 50698 | 6746 | 11015 | ... | 2731 | 34136 | 127961 | 5648 | 118 | 42137 | 129992 | 22608 | 123092 | ... | 205372 |
| November | 23386 | 8123 | 68823 | 9412 | 11757 | ... | 5098 | 35517 | 162116 | 5977 | 157 | 54140 | 120925 | 25218 | 142358 | ... | 226175 |
| December | 19269 | 12231 | 68593 | 19281 | 12745 | ... | 5305 | 41842 | 179266 | 6815 | 186 | 54917 | 124935 | 24263 | 140989 | ... | 249393 |
| Total: | 148482 | 51944 | 611620 | 76527 | 69101 | ... | 32116 | 431639 | 1421429 | 70316 | 1186 | 415311 | 1210001 | 169317 | 1170545 | 2123 | 2114892 |
| % of Total Sales | 10.45 | 3.65 | 43.03 | 5.38 | 4.86 | ... | 2.26 | 30.37 | | | | | | | | | |

How the total Output of SUB-BITUMINOUS COAL was disposed of by months during 1955

| Months | Sold for Consumption in: | | | | | | Total Sales | Used under Colliery Boilers | Put to Stock | Put to Waste | Lifted from Stock | Lifted from Waste | Total Output |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Alberta | Saskatchewan | British Columbia | Manitoba | Ontario | United States | | | | | | | |
| January | 113565 | 97036 | 32914 | 28576 | 3093 | ... | 275184 | 434 | 1236 | 970 | 2238 | ... | 275586 |
| February | 84043 | 71031 | 29226 | 20678 | 2027 | 136 | 207141 | 434 | 1401 | 174 | 2039 | 11 | 207100 |
| March | 99889 | 72014 | 31978 | 18139 | 1700 | ... | 223720 | 378 | 271 | 169 | 2210 | 51 | 222277 |
| April | 15428 | 23676 | 18346 | 2071 | 153 | ... | 59674 | 142 | 980 | 2 | 231 | 48 | 60519 |
| May | 21631 | 33620 | 21267 | 4382 | 195 | ... | 81095 | 140 | 925 | 130 | 994 | 48 | 81248 |
| June | 14276 | 33620 | 16198 | 3944 | 947 | ... | 68985 | 111 | 2381 | 454 | 352 | 44 | 71535 |
| July | 11609 | 21877 | 14070 | 2720 | 368 | ... | 50644 | 77 | 1611 | ... | 3166 | 40 | 49126 |
| August | 17722 | 39091 | 23517 | 8300 | 978 | ... | 89608 | 110 | 2080 | ... | 1486 | 56 | 90256 |
| September | 63624 | 79109 | 22825 | 22306 | 1830 | 491 | 190185 | 143 | 3094 | 47 | 1975 | ... | 191494 |
| October | 114654 | 98906 | 31528 | 25921 | 4077 | 41 | 275127 | 195 | 3215 | 369 | 3523 | ... | 275383 |
| November | 210098 | 131469 | 41617 | 36549 | 3238 | 40 | 423011 | 352 | 2758 | 613 | 1823 | ... | 424911 |
| December | 165358 | 139984 | 37658 | 43606 | 3020 | 117 | 389743 | 403 | 2066 | 1981 | 1942 | ... | 392251 |
| Total: | 931897 | 841433 | 321144 | 217192 | 21626 | 825 | 2334117 | 2919 | 22018 | 4909 | 21979 | 298 | 2341686 |
| % of Total Sales | 39.93 | 36.05 | 13.76 | 9.30 | .93 | .03 | | | | | | | |

Amount of Coal Sold During the Years 1915 to 1955 inclusive for consumption in:

| Year | Alberta | B. C. | Sask. | Manitoba | Ontario | N.W.T. | Quebec | U.S.A. | To Railroads | Alaska | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1915......... | 2,129,130 | 54,860 | 695,898 | 64,816 | ... | ... | ... | 25,047 | ... | ... | 2,969,751 |
| 1916......... | 2,866,670 | 86,413 | 1,007,765 | 97,265 | ... | ... | ... | 61,092 | ... | ... | 4,119,205 |
| 1917......... | 2,813,413 | 76,397 | 1,139,771 | 249,872 | ... | ... | ... | 93,081 | ... | ... | 4,372,534 |
| 1918......... | 3,440,154 | 101,189 | 1,372,439 | 511,168 | 629 | ... | ... | 133,276 | ... | ... | 5,558,855 |
| 1919......... | 2,991,110 | 95,461 | 1,115,329 | 314,290 | 308 | ... | ... | 121,212 | ... | ... | 4,637,710 |
| 1920......... | 1,647,202 | 128,850 | 1,310,146 | 600,962 | 13,911 | ... | 30 | 153,610 | 2,516,555 | ... | 6,371,266 |
| 1921......... | 1,415,861 | 116,089 | 1,294,441 | 495,388 | 9,898 | ... | ... | 133,823 | 2,023,204 | ... | 5,488,704 |
| 1922......... | 1,443,942 | 107,920 | 1,371,249 | 520,518 | 21,573 | ... | 102 | 105,514 | 2,076,291 | ... | 5,647,109 |
| 1923......... | 1,382,788 | 108,326 | 1,223,454 | 533,639 | 52,334 | ... | ... | 83,557 | 3,110,121 | ... | 6,514,219 |
| 1924......... | 1,431,327 | 114,186 | 1,189,788 | 510,407 | 16,525 | ... | ... | 39,142 | 1,613,574 | ... | 4,914,949 |
| 1925......... | 1,440,032 | 117,037 | 1,297,653 | 509,655 | 28,831 | ... | ... | 40,507 | 2,139,716 | ... | 5,573,431 |
| 1926......... | 1,325,290 | 127,858 | 1,296,181 | 591,267 | 74,559 | ... | 221 | 48,216 | 2,706,440 | ... | 6,170,032 |
| 1927......... | 1,508,089 | 187,028 | 1,427,904 | 612,542 | 22,680 | ... | ... | 45,160 | 2,759,765 | ... | 6,563,168 |
| 1928......... | 1,409,475 | 262,198 | 1,511,141 | 605,125 | 44,265 | ... | ... | 52,265 | 3,054,239 | ... | 6,938,708 |
| 1929......... | 1,446,555 | 236,840 | 1,455,213 | 588,647 | 55,335 | ... | 33 | 51,625 | 2,923,827 | ... | 6,758,075 |
| 1930......... | 1,234,382 | 227,385 | 1,221,542 | 541,537 | 29,784 | ... | 32 | 44,291 | 2,120,237 | ... | 5,419,190 |
| 1931......... | 1,020,694 | 171,610 | 905,574 | 442,761 | 27,036 | ... | 100 | 30,434 | 1,668,451 | ... | 4,266,660 |
| 1932......... | 1,134,311 | 136,188 | 1,097,382 | 497,006 | 20,583 | ... | 135 | 27,366 | 1,619,921 | ... | 4,532,892 |
| 1933......... | 1,123,357 | 120,911 | 1,052,910 | 449,681 | 39,437 | ... | 32 | 18,449 | 1,500,061 | ... | 4,304,838 |
| 1934......... | 1,087,898 | 127,638 | 986,639 | 391,132 | 55,947 | 31 | ... | 13,739 | 1,687,850 | ... | 4,350,874 |
| 1935......... | 1,246,959 | 221,758 | 1,120,816 | 435,813 | 64,659 | ... | ... | 24,712 | 1,960,555 | ... | 5,075,272 |
| 1936......... | 1,356,690 | 244,928 | 1,238,730 | 450,740 | 65,886 | ... | ... | 27,397 | 1,969,569 | ... | 5,353,940 |
| 1937......... | 1,326,054 | 269,023 | 1,085,812 | 437,954 | 62,521 | 82 | ... | 41,328 | 2,028,389 | ... | 5,251,163 |
| 1938......... | 1,278,932 | 238,435 | 1,011,207 | 413,663 | 74,111 | 83 | ... | 32,507 | 1,871,852 | ... | 4,920,790 |
| 1939......... | 1,241,618 | 239,227 | 1,044,367 | 409,046 | 90,206 | ... | ... | 33,139 | 2,109,684 | ... | 5,167,287 |
| 1940......... | 1,311,644 | 237,642 | 1,019,035 | 354,857 | 133,587 | 14 | ... | 35,354 | 2,720,793 | ... | 5,812,926 |
| 1941......... | 1,335,606 | 304,928 | 1,052,913 | 430,663 | 234,606 | ... | ... | 32,742 | 3,090,290 | ... | 6,481,748 |
| 1942......... | 1,474,795 | 652,222 | 1,259,669 | 580,336 | 231,258 | ... | ... | 98,197 | 2,864,586 | ... | 7,171,063 |
| 1943......... | 1,560,212 | 864,911 | 1,455,612 | 627,368 | 1,190 | ... | ... | 414,627 | 2,098,535 | ... | 7,071,753 |
| 1944......... | 1,424,293 | 678,960 | 1,225,075 | 533,027 | 10,163 | ... | ... | 266,664 | 2,583,101 | 1,064 | 6,742,643 |
| 1945......... | 1,567,940 | 868,396 | 1,242,001 | 541,882 | 278,814 | ... | ... | 162,698 | 2,416,803 | ... | 7,098,928 |
| 1946......... | 1,608,296 | 982,413 | 1,449,002 | 658,733 | 348,137 | ... | ... | 137,271 | 2,893,207 | ... | 8,136,694 |
| 1947......... | 1,671,130 | 899,403 | 1,475,006 | 583,414 | 162,898 | ... | ... | 91,235 | 2,504,604 | ... | 7,433,989 |
| 1948......... | 1,593,629 | 945,700 | 1,413,283 | 625,009 | 202,520 | ... | 58 | 84,492 | 2,312,273 | ... | 7,377,914 |
| 1949......... | 1,614,306 | 891,132 | 1,232,890 | 629,456 | 187,976 | ... | ... | 45,972 | 3,012,425 | ... | 7,617,632 |
| 1950......... | 1,672,519 | 873,558 | 1,366,723 | 586,920 | 312,563 | ... | ... | 105,765 | 2,308,365 | ... | 7,226,413 |
| 1951......... | 1,427,114 | 898,533 | 1,322,162 | 492,737 | 182,753 | ... | ... | 80,270 | 2,443,326 | ... | 6,891,212 |
| 1952......... | 1,234,307 | 1,021,484 | 1,241,716 | 384,924 | 126,381 | ... | ... | 71,817 | 2,065,365 | ... | 6,147,582 |
| 1953......... | 1,045,482 | 859,385 | 1,034,594 | 274,758 | 73,117 | ... | ... | 47,119 | 1,625,783 | ... | 4,960,238 |
| 1954......... | 1,064,817 | 891,194 | 995,882 | 292,455 | 85,836 | ... | ... | 33,124 | 743,743 | ... | 4,107,051 |
| 1955......... | 1,080,379 | 932,764 | 893,377 | 293,719 | 90,727 | ... | ... | 32,941 | 431,639 | ... | 3,755,546 |

NOTE: Previous to 1920 Railroad Coal was included in Total Sales. Included in the above totals are 49,298 tons for Ships Bunkers in 1943, 20,296 tons in 1944, 20,394 tons in 1945, 21,770 tons in 1946, 4,107 tons in 1947. The above also includes 37,865 tons shipped to China in 1946, 27,731 tons in 1947, also 14,461 tons to Japan in 1947, 200,947 tons in 1948, 3,475 tons to China in 1949, 44,317 tons to Japan in 1951, 1,588 tons in 1952.

**Coal Produced by Years from 1951 to 1955:**

BITUMINOUS COAL FIELD

| Areas | 1951 | 1952 | 1953 | 1954 | 1955 |
|---|---|---|---|---|---|
| Group 1: | | | | | |
| Cascade............ | 337,847 | 288,445 | 238,608 | 233,538 | 201,513 |
| Highwood........... | ... | 56 | ... | ... | ... |
| Nordegg............ | 9,934 | 293,426 | 273,800 | 120,002 | 3,396 |
| Group 2: | | | | | |
| Crowsnest.......... | 2,391,251 | 2,167,738 | 1,697,581 | 1,086,247 | 1,156,119 |
| Mountain Park...... | 770,301 | 566,215 | 482,681 | 265,075 | 178,335 |
| Oldman............. | ... | ... | ... | ... | ... |
| Group 3: | | | | | |
| Coalspur........... | 751,909 | 748,186 | 636,086 | 517,815 | 405,104 |
| Halcourt........... | 936 | 1,057 | 128 | 483 | 960 |
| Lethbridge......... | 335,271 | 271,564 | 163,392 | 154,793 | 161,553 |
| Morley............. | ... | ... | ... | ... | ... |
| Pekisko............ | 5,495 | 7,990 | 6,712 | 6,319 | 5,175 |
| Pincher............ | 5 | ... | 86 | 147 | 108 |
| Prairie Creek...... | 1,126 | 1,881 | 1,102 | 422 | 419 |
| Red Deer........... | 71 | 38 | ... | ... | ... |
| Saunders........... | 55,143 | 32,026 | 15,323 | 17,344 | 2,210 |
| No Area............ | ... | ... | ... | ... | ... |
| Total............ | 4,659,289 | 4,378,622 | 3,517,499 | 2,402,185 | 2,114,892 |

SUB-BITUMINOUS COAL FIELD

| Areas | 1951 | 1952 | 1953 | 1954 | 1955 |
|---|---|---|---|---|---|
| Group 4: | | | | | |
| Ardley............. | 53,091 | 47,001 | 46,847 | 66,898 | 63,447 |
| Big Valley......... | 17,568 | 16,090 | 1,973 | 1,626 | 1,745 |
| Brooks............. | 75,648 | 47,046 | 48,699 | 53,260 | 54,003 |
| Carbon............. | 56,098 | 48,751 | 40,507 | 45,188 | 53,086 |
| Champion........... | 7,164 | 5,627 | 5,679 | 6,047 | 6,563 |
| Drumheller......... | 1,566,102 | 1,371,899 | 1,028,067 | 1,058,594 | 933,957 |
| Edmonton........... | 356,770 | 275,058 | 233,061 | 240,446 | 218,259 |
| Gleichen........... | 13,926 | 11,420 | 9,303 | 9,150 | 8,534 |
| Milk River......... | 408 | 368 | ... | ... | ... |
| Pembina............ | 164,682 | 242,672 | 270,732 | 262,364 | 195,804 |
| Taber.............. | 121,405 | 84,266 | 43,553 | 41,182 | 45,627 |
| Wetaskiwin......... | 872 | 812 | 220 | ... | ... |
| Whitecourt......... | 820 | 944 | 565 | 962 | 733 |
| No Area............ | ... | ... | 64 | 30 | ... |
| Group 5: | | | | | |
| Camrose............ | 60,929 | 54,152 | 52,244 | 43,191 | 46,119 |
| Castor............. | 273,085 | 418,685 | 426,235 | 443,438 | 530,464 |
| Pakowki............ | 243 | 321 | 45 | 44 | 20 |
| Redcliff........... | 5,458 | 4,658 | 4,339 | 4,022 | 4,432 |
| Rochester.......... | 193 | ... | ... | ... | ... |
| Sheerness.......... | 56,004 | 59,879 | 96,722 | 101,193 | 112,551 |
| Slave.............. | ... | ... | ... | ... | ... |
| Tofield............ | 158,971 | 115,277 | 80,719 | 69,129 | 56,970 |
| Westlock........... | 12,550 | 10,924 | 10,350 | 10,187 | 9,372 |
| Total.............. | 3,001,987 | 2,815,850 | 2,399,924 | 2,456,951 | 2,341,686 |

Total Output of BITUMINOUS COAL by areas during each month:

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | 18181 | 15463 | 17232 | 13538 | 16023 | 15749 | 6022 | 15425 | 12955 | 21477 | 21091 | 28357 | 201513 |
| Highwood | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nordegg | 3288 | ... | 108 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 3396 |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | 109651 | 91380 | 100222 | 79676 | 89316 | 80556 | 68841 | 78082 | 71115 | 122138 | 127435 | 137707 | 1156119 |
| Mtn. Park | 13950 | 14763 | 14263 | 14207 | 17827 | 14607 | 17167 | 18617 | 16888 | 9538 | 13341 | 13167 | 178335 |
| Oldman | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | 43997 | 33322 | 40131 | 28995 | 33004 | 33071 | 12173 | 32904 | 43843 | 30576 | 34442 | 38646 | 405104 |
| Halcourt | 22 | 133 | 10 | ... | ... | ... | ... | ... | ... | ... | 540 | 255 | 960 |
| Lethbridge | 12826 | 8836 | 11811 | 3650 | 6267 | 5368 | 7293 | 11589 | 13893 | 20985 | 28450 | 30585 | 161553 |
| Pekisko | 743 | 620 | 772 | 205 | 81 | 50 | ... | 91 | 435 | 658 | 876 | 644 | 5175 |
| Pincher | 51 | 21 | 15 | 21 | ... | ... | ... | ... | ... | ... | ... | ... | 108 |
| Pr. Creek | ... | ... | 387 | ... | ... | ... | ... | ... | ... | ... | ... | 32 | 419 |
| Saunders | 780 | 1410 | 20 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2210 |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 203489 | 165948 | 184971 | 140292 | 162518 | 149401 | 111496 | 156708 | 159129 | 205372 | 226175 | 249393 | 2114892 |

Total Output of SUB-BITUMINOUS COAL by areas during each month:

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Ardley | 7694 | 5248 | 7470 | 394 | 381 | 258 | 896 | 475 | 4082 | 9332 | 14966 | 12251 | 63447 |
| Big Valley | 329 | 230 | 253 | ... | ... | ... | ... | ... | ... | 49 | 503 | 381 | 1745 |
| Brooks | 5124 | 3182 | 3710 | 926 | 327 | 135 | 63 | ... | 2666 | 7383 | 14085 | 16402 | 54003 |
| Carbon | 6154 | 4673 | 5805 | 625 | 890 | 553 | 481 | 2405 | 4260 | 7036 | 11875 | 8329 | 53086 |
| Champion | 810 | 523 | 664 | 268 | 218 | 128 | 127 | 259 | 540 | 759 | 1114 | 1153 | 6563 |
| Drumheller | 110193 | 77601 | 83583 | 20654 | 46340 | 51154 | 25156 | 53240 | 96677 | 118467 | 125878 | 125014 | 933957 |
| Edmonton | 32312 | 24610 | 29923 | 2349 | 3110 | 2112 | 1115 | 2178 | 11074 | 22662 | 49552 | 37262 | 218259 |
| Gleichen | 1275 | 918 | 1019 | 181 | 201 | 161 | 122 | 501 | 624 | 1090 | 1360 | 1082 | 8534 |
| Pembina | 24503 | 21718 | 22403 | 13921 | 11448 | 7829 | 11098 | 16506 | 7124 | 11850 | 20845 | 26559 | 195804 |
| Taber | 2922 | 2058 | 1620 | 642 | 49 | ... | ... | 268 | 3747 | 8327 | 12439 | 13555 | 45627 |
| Wetaskiwin | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Whitecourt | 216 | 253 | 61 | ... | ... | ... | ... | ... | ... | ... | 203 | ... | 733 |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 5: | | | | | | | | | | | | | |
| Camrose | 5189 | 3958 | 4367 | 1036 | 1100 | 320 | 305 | 634 | 3169 | 6119 | 10796 | 9126 | 46119 |
| Castor | 56680 | 46074 | 46410 | 14615 | 12666 | 7676 | 7948 | 10955 | 44947 | 57770 | 119531 | 105192 | 530464 |
| Pakowki | 7 | 9 | 4 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 20 |
| Redcliff | 262 | 122 | 238 | 25 | 16 | ... | 10 | 70 | 510 | 1085 | 1379 | 715 | 4432 |
| Sheerness | 12995 | 9222 | 8153 | 3706 | 4289 | 1209 | 1805 | 2762 | 9920 | 14132 | 21895 | 22463 | 112551 |
| Tofield | 7433 | 5717 | 5541 | 1146 | 162 | ... | ... | ... | 1972 | 8236 | 15711 | 11052 | 56970 |
| Westlock | 1488 | 984 | 1053 | 31 | 51 | ... | ... | 3 | 182 | 1086 | 2779 | 1715 | 9372 |
| Total: | 275586 | 207100 | 222277 | 60519 | 81248 | 71535 | 49126 | 90256 | 191494 | 275383 | 424911 | 392251 | 2341686 |

## Total Sales of BITUMINOUS COAL for consumption by Railroad Companies:

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | 9967 | 8183 | 7662 | 7010 | 8277 | 5098 | 6641 | 5851 | 5037 | 10746 | 11181 | 14279 | 99932 |
| Nordegg | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | 32234 | 29980 | 25110 | 23028 | 29502 | 24974 | 19081 | 19634 | 15435 | 22501 | 23183 | 26726 | 291388 |
| Mtn. Park | 2683 | 2563 | 2401 | 2607 | 3928 | 2455 | 3255 | 2496 | 3676 | 363 | 168 | 286 | 26881 |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | 1037 | 855 | 974 | 2238 | 394 | 2277 | 1573 | 1374 | 654 | 526 | 985 | 551 | 13438 |
| Lethbridge | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 45921 | 41581 | 36147 | 34883 | 42101 | 34804 | 30550 | 29355 | 24802 | 34136 | 35517 | 41842 | 431639 |

Total Amount of Bituminous Coal disposed of by areas during each month for consumption in Alberta:

MINE RUN

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Highwood | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nordegg | 17 | ... | 85 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 102 |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | 4837 | 558 | 605 | 278 | 339 | 135 | 377 | 446 | 747 | 1408 | 956 | 746 | 11432 |
| Mtn. Park | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Oldman | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | ... | ... | ... | ... | ... | ... | ... | ... | ... | 139 | 52 | ... | 191 |
| Halcourt | 10 | 125 | 10 | ... | ... | ... | ... | ... | ... | ... | 540 | 255 | 940 |
| Lethbridge | 992 | 593 | 272 | 143 | 236 | 548 | 202 | 274 | 1091 | 1328 | 2072 | 1467 | 9218 |
| Pekisko | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pincher | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pr. Creek | ... | ... | 387 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 387 |
| Saunders | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 5856 | 1276 | 1359 | 421 | 575 | 683 | 579 | 720 | 1838 | 2875 | 3620 | 2468 | 22270 |

## LUMP COAL

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | 105 | 35 | 60 | 13 | 17 | 2 | 1 | 2 | 3 | 73 | 156 | 135 | 602 |
| Highwood | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nordegg | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | 815 | 1190 | 2055 | 716 | 952 | 307 | 356 | 650 | 1340 | 1891 | 1902 | 1902 | 14076 |
| Mtn. Park | 48 | 4 | 76 | 5 | 1 | ... | 23 | 48 | 14 | 20 | 59 | 106 | 404 |
| Oldman | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | 1179 | 783 | 991 | 396 | 105 | 248 | 220 | 173 | 1269 | 1397 | 2377 | 1594 | 10732 |
| Halcourt | 8 | 8 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 16 |
| Lethbridge | 2488 | 2459 | 2812 | 1233 | 900 | 750 | 302 | 869 | 2245 | 2477 | 4398 | 3061 | 23994 |
| Pekisko | 246 | 175 | 215 | 35 | 14 | 12 | ... | 52 | 128 | 271 | 367 | 264 | 1779 |
| Pincher | 28 | 14 | 10 | 14 | ... | ... | ... | ... | ... | ... | ... | ... | 66 |
| Pr. Creek | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 13 | 13 |
| Saunders | 104 | 60 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 164 |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 5021 | 4728 | 6219 | 2412 | 1989 | 1319 | 902 | 1794 | 4999 | 6129 | 9259 | 7075 | 51846 |

## NUT COAL

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 1 | 2 |
| Highwood | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nordegg | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | 4 | 344 | 296 | 310 | 350 | 250 | 265 | 350 | 250 | 250 | 787 | 728 | 4184 |
| Mtn. Park | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Oldman | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | 27 | 52 | 56 | 4 | 3 | 4 | ... | 42 | 38 | 56 | 56 | 161 | 499 |
| Halcourt | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 |
| Lethbridge | 1328 | 986 | 1695 | 601 | 1137 | 627 | 761 | 694 | 1938 | 1936 | 3029 | 2015 | 16747 |
| Pekisko | 180 | 135 | 170 | ... | 10 | 5 | ... | ... | 71 | 82 | 132 | 83 | 868 |
| Pincher | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pr. Creek | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 7 | 7 |
| Saunders | 28 | 51 | 16 | 10 | ... | ... | ... | ... | ... | ... | ... | ... | 105 |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 1569 | 1568 | 2233 | 925 | 1500 | 886 | 1026 | 1086 | 2297 | 2325 | 4004 | 2995 | 22414 |

## PREPARED STOKER

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | 14 | 49 | 146 | 13 | 7 | 3 | ... | 3 | 87 | 18 | 57 | 20 | 417 |
| Highwood | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nordegg | 30 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 30 |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | 511 | 234 | 124 | 40 | 369 | 56 | ... | ... | ... | 76 | 77 | 55 | 1542 |
| Mtn. Park | 5 | 5 | 7 | ... | 5 | ... | ... | 3 | 6 | 5 | 3 | 15 | 54 |
| Oldman | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | 447 | 377 | 569 | 192 | 93 | 128 | 137 | 139 | 545 | 507 | 604 | 597 | 4335 |
| Halcourt | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lethbridge | 656 | 612 | 606 | 192 | 212 | 103 | 57 | 85 | 386 | 532 | 885 | 751 | 5077 |
| Pekisko | 15 | 24 | 30 | ... | ... | 12 | ... | 20 | ... | ... | 60 | 80 | 241 |
| Pincher | 8 | 2 | 2 | 2 | ... | ... | ... | ... | ... | ... | ... | ... | 14 |
| Pr. Creek | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 6 | 6 |
| Saunders | 263 | 364 | 195 | 35 | 105 | 123 | ... | ... | ... | ... | ... | ... | 1085 |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 1949 | 1667 | 1679 | 474 | 791 | 425 | 194 | 250 | 1024 | 1138 | 1686 | 1524 | 12801 |

NUT-SLACK

500 2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Highwood | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nordegg | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Mtn. Park | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Oldman | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Halcourt | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lethbridge | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pekisko | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pincher | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pr. Creek | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 | 2 |
| Saunders | ... | 5 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 5 |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | ... | 5 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 | 7 |

## SLACK

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | ... | ... | ... | ... | ... | ... | 5 | ... | ... | ... | ... | ... | 5 |
| Highwood | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nordegg | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | ... | ... | 13 | ... | 9833 | ... | 61 | ... | ... | ... | ... | 222 | 10129 |
| Mtn. Park | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Oldman | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | 50 | 50 | 50 | 50 | 50 | 30 | 4 | 15 | ... | ... | ... | ... | 299 |
| Halcourt | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 |
| Lethbridge | 2159 | 1393 | 1930 | 596 | 759 | 982 | 4656 | 788 | 2094 | 3277 | 4717 | 4892 | 28243 |
| Pekisko | 49 | 34 | 60 | ... | 20 | 21 | ... | 19 | 28 | 44 | 100 | 87 | 462 |
| Pincher | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pr. Creek | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 4 | 4 |
| Saunders | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 2260 | 1477 | 2053 | 646 | 10662 | 1033 | 4726 | 822 | 2122 | 3321 | 4817 | 5205 | 39144 |

Total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in Alberta:
MINE RUN

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Ardley | 1277 | 864 | 896 | ... | ... | 8 | 13 | 125 | 405 | 1169 | 2116 | 1426 | 8299 |
| Big Valley | ... | ... | ... | ... | ... | ... | ... | ... | ... | 38 | ... | ... | 38 |
| Brooks | 1788 | 1413 | 1418 | 288 | 193 | 94 | 63 | ... | 1948 | 2753 | 4402 | 2909 | 17269 |
| Carbon | 752 | 214 | 641 | 7 | ... | ... | ... | 1 | 29 | 1034 | 1225 | 280 | 4183 |
| Champion | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drumheller | 1418 | 967 | 924 | 141 | 493 | 896 | 371 | 210 | 907 | 1009 | 1335 | 1396 | 10067 |
| Edmonton | 2227 | 1652 | 1360 | 57 | 106 | 48 | 24 | 63 | 358 | 1532 | 2517 | 1423 | 11367 |
| Gleichen | 1064 | 781 | 833 | 142 | 153 | 119 | 122 | 501 | 624 | 1090 | 1360 | 1082 | 7871 |
| Pembina | 135 | 109 | 85 | ... | ... | ... | ... | ... | 57 | 176 | ... | 898 | 1460 |
| Taber | 6 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 6 |
| Wetaskiwin | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Whitecourt | 206 | 253 | 61 | ... | ... | ... | ... | ... | ... | ... | 203 | ... | 723 |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 5: | | | | | | | | | | | | | |
| Camrose | 30 | 10 | ... | ... | ... | ... | ... | ... | ... | ... | 21 | 142 | 203 |
| Castor | 589 | 525 | 425 | 38 | 43 | 19 | 15 | 26 | 232 | 460 | 744 | 629 | 3745 |
| Pakowki | 7 | 9 | 4 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 20 |
| Redcliff | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sheerness | 5 | 8 | 5 | 1 | ... | ... | 14 | 6 | ... | ... | 11 | ... | 50 |
| Tofield | 437 | 590 | 253 | 24 | 67 | ... | ... | ... | 46 | 139 | 344 | 273 | 2173 |
| Westlock | 256 | 114 | 160 | 11 | 20 | ... | ... | 3 | 89 | 233 | 438 | 257 | 1581 |
| Total: | 10197 | 7509 | 7065 | 709 | 1075 | 1184 | 622 | 935 | 4695 | 9633 | 14716 | 10715 | 69055 |

## LUMP COAL

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Ardley | 1751 | 1564 | 1653 | 22 | 123 | 34 | 15 | 48 | 896 | 1902 | 4319 | 3127 | 15454 |
| Big Valley | 150 | 88 | 102 | ... | ... | ... | ... | ... | ... | 11 | 205 | 166 | 722 |
| Brooks | 328 | 255 | 160 | ... | 43 | ... | ... | ... | 84 | 718 | 1502 | 883 | 3973 |
| Carbon | 2624 | 2150 | 2168 | 267 | 360 | 221 | 178 | 511 | 1977 | 3408 | 6276 | 5300 | 25442 |
| Champion | 428 | 273 | 330 | 131 | 110 | 60 | 55 | 111 | 255 | 398 | 609 | 628 | 3388 |
| Drumheller | 7454 | 5047 | 6138 | 1641 | 3111 | 2451 | 1240 | 3314 | 7063 | 7452 | 10706 | 9999 | 65616 |
| Edmonton | 9103 | 5593 | 5708 | 588 | 718 | 214 | 222 | 716 | 4402 | 9529 | 19999 | 12780 | 69572 |
| Gleichen | 57 | 66 | 69 | 5 | 5 | 19 | ... | ... | ... | ... | ... | ... | 221 |
| Pembina | 4549 | 3915 | 4283 | 370 | 498 | 178 | 412 | 349 | 901 | 3050 | 8524 | 9489 | 36518 |
| Taber | 1043 | 870 | 991 | 342 | 42 | ... | ... | 56 | 1101 | 1303 | 2790 | 1545 | 10083 |
| Wetaskiwin | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Whitecourt | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 5: | | | | | | | | | | | | | |
| Camrose | 1596 | 730 | 271 | 88 | 136 | 23 | 22 | 48 | 583 | 1739 | 3595 | 2382 | 11213 |
| Castor | 10433 | 6570 | 6904 | 522 | 1103 | 523 | 295 | 889 | 6033 | 13923 | 30868 | 18708 | 96771 |
| Pakowki | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Redcliff | 241 | 109 | 193 | 23 | 15 | ... | 8 | 59 | 442 | 951 | 1191 | 607 | 3839 |
| Sheerness | 1737 | 1214 | 1337 | 487 | 339 | 396 | 246 | 223 | 1330 | 2887 | 4712 | 2948 | 17856 |
| Tofield | 3317 | 2542 | 2373 | 91 | 37 | ... | ... | ... | 950 | 4351 | 9686 | 5987 | 29334 |
| Westlock | 640 | 610 | 622 | 8 | 8 | ... | ... | ... | 32 | 461 | 1526 | 1075 | 4982 |
| Total: | 45451 | 31596 | 33302 | 4585 | 6648 | 4119 | 2693 | 6324 | 26049 | 52083 | 106510 | 75624 | 394984 |

## NUT COAL

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Ardley | 1889 | 1905 | 2117 | 38 | 195 | 127 | 87 | 168 | 1063 | 2176 | 4949 | 3407 | 18121 |
| Big Valley | 122 | 96 | 94 | ... | ... | ... | ... | ... | ... | ... | 255 | 157 | 724 |
| Brooks | 160 | 44 | 53 | ... | ... | ... | ... | ... | ... | 171 | 333 | 430 | 1191 |
| Carbon | 556 | 374 | 388 | 63 | 69 | 48 | 21 | 66 | 226 | 560 | 913 | 336 | 3620 |
| Champion | 328 | 129 | 190 | 64 | 62 | 31 | 38 | 84 | 149 | 210 | 291 | 292 | 1868 |
| Drumheller | 1932 | 1205 | 1612 | 335 | 1518 | 763 | 447 | 565 | 1199 | 1645 | 2140 | 1910 | 15271 |
| Edmonton | 6383 | 5102 | 6666 | 691 | 1009 | 417 | 232 | 684 | 2526 | 4858 | 9809 | 8779 | 47156 |
| Gleichen | 31 | 11 | 3 | 3 | ... | ... | ... | ... | ... | ... | ... | ... | 48 |
| Pembina | 2924 | 2826 | 3082 | 263 | 287 | 173 | 96 | 161 | 683 | 2065 | 2363 | 6529 | 21452 |
| Taber | 349 | 207 | 202 | 70 | ... | ... | ... | 7 | 355 | 488 | 927 | 624 | 3229 |
| Wetaskiwin | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Whitecourt | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 5: | | | | | | | | | | | | | |
| Camrose | 1477 | 1413 | 2016 | 262 | 395 | 155 | 141 | 285 | 1030 | 1706 | 3179 | 2838 | 14897 |
| Castor | 1629 | 1311 | 1463 | 280 | 498 | 209 | 208 | 320 | 1441 | 2415 | 4225 | 2842 | 16841 |
| Pakowki | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Redcliff | 21 | 13 | 45 | 2 | 1 | ... | 2 | 11 | 68 | 134 | 188 | 108 | 593 |
| Sheerness | 843 | 357 | 400 | 110 | 233 | 123 | 166 | 131 | 504 | 881 | 1391 | 891 | 6030 |
| Tofield | 789 | 285 | 620 | 41 | 51 | ... | ... | ... | 143 | 906 | 2144 | 456 | 5435 |
| Westlock | 314 | 193 | 209 | 9 | 19 | ... | ... | ... | 56 | 344 | 673 | 268 | 2085 |
| Total: | 19747 | 15471 | 19160 | 2231 | 4337 | 2046 | 1438 | 2482 | 9443 | 18559 | 33780 | 29867 | 158561 |

## PREPARED STOKER

500 2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Ardley | 2510 | 752 | 2608 | 334 | 63 | 89 | 781 | 134 | 1718 | 3968 | 3306 | 3751 | 20014 |
| Big Valley | 46 | 39 | 48 | ... | ... | ... | ... | ... | ... | ... | 25 | 47 | 205 |
| Brooks | 103 | 38 | ... | ... | ... | ... | ... | ... | ... | 87 | 149 | 85 | 462 |
| Carbon | 1002 | 981 | 983 | 158 | 231 | 106 | 52 | 125 | 523 | 778 | 1451 | 1239 | 7629 |
| Champion | 29 | 102 | 126 | 64 | 41 | 34 | 32 | 59 | 119 | 125 | 184 | 208 | 1123 |
| Drumheller | 1809 | 1483 | 1786 | 500 | 507 | 176 | 1215 | 512 | 1323 | 1351 | 2014 | 2253 | 14929 |
| Edmonton | 2966 | 3050 | 3111 | 346 | 711 | 271 | 147 | 234 | 1818 | 3613 | 7486 | 5531 | 29284 |
| Gleichen | 14 | 14 | 14 | 14 | 2 | ... | ... | ... | ... | ... | ... | ... | 58 |
| Pembina | 2171 | 1302 | 1509 | 377 | 274 | 234 | 81 | 109 | 970 | 1635 | 2952 | 2874 | 14488 |
| Taber | 246 | 130 | 129 | 73 | 6 | ... | ... | 10 | 122 | 436 | 586 | 463 | 2201 |
| Wetaskiwin | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Whitecourt | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 5: | | | | | | | | | | | | | |
| Camrose | 617 | 471 | 651 | 135 | 204 | 80 | 70 | 69 | 463 | 866 | 1475 | 1560 | 6661 |
| Castor | 3049 | 2623 | 3111 | 706 | 1730 | 645 | 104 | 323 | 1890 | 3221 | 5336 | 4413 | 27151 |
| Pakowki | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Redcliff | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sheerness | 536 | 436 | 522 | 121 | 95 | 18 | ... | 92 | 372 | 470 | 907 | 955 | 4524 |
| Tofield | 294 | 148 | 300 | 23 | 7 | ... | ... | ... | 84 | 318 | 515 | 572 | 2261 |
| Westlock | 23 | 29 | 26 | ... | ... | ... | ... | ... | ... | 15 | 67 | 45 | 205 |
| Total: | 15415 | 11598 | 14924 | 2851 | 3871 | 1653 | 2482 | 1667 | 9402 | 16883 | 26453 | 23996 | 131195 |

## NUT-SLACK

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Ardley | 141 | 117 | 170 | ... | ... | ... | ... | ... | ... | 117 | 276 | 230 | 1051 |
| Big Valley | 11 | 7 | 9 | ... | ... | ... | ... | ... | ... | ... | 18 | 11 | 56 |
| Brooks | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Carbon | 106 | 6 | 118 | 3 | ... | ... | 13 | 1631 | 1055 | 35 | 51 | 134 | 3152 |
| Champion | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drumheller | 658 | 636 | 493 | 87 | 121 | 92 | 985 | 326 | 1246 | 1947 | 1514 | 700 | 8805 |
| Edmonton | 789 | 900 | 1274 | 34 | 125 | 115 | 90 | 240 | 422 | 756 | 2256 | 1925 | 8926 |
| Gleichen | ... | ... | ... | ... | 10 | 6 | ... | ... | ... | ... | ... | ... | 16 |
| Pembina | 241 | 153 | 130 | 17 | 6 | 25 | 10 | 8 | 56 | 101 | ... | 581 | 1328 |
| Taber | 4 | 32 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 36 |
| Wetaskiwin | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Whitecourt | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 5: | | | | | | | | | | | | | |
| Camrose | 400 | 355 | 344 | 88 | 96 | 37 | 41 | 75 | 272 | 452 | 927 | 825 | 3912 |
| Castor | ... | ... | 18 | 2 | 5 | ... | 1 | 3 | 5 | 57 | 91 | 47 | 229 |
| Pakowki | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Redcliff | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sheerness | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Tofield | 24 | 21 | 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 57 |
| Westlock | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 2374 | 2227 | 2568 | 231 | 363 | 275 | 1140 | 2283 | 3056 | 3465 | 5133 | 4453 | 27568 |

## SLACK COAL

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Ardley | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 310 | 310 |
| Big Valley | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Brooks | 60 | 6 | ... | 56 | ... | ... | ... | ... | ... | 7 | 94 | 209 | 432 |
| Carbon | 1008 | 838 | 1477 | 127 | 230 | 178 | 217 | 71 | 450 | 1101 | 1847 | 1040 | 8584 |
| Champion | 25 | 19 | 18 | 9 | 5 | 3 | 2 | 5 | 17 | 26 | 30 | 25 | 184 |
| Drumheller | 7355 | 5154 | 7192 | 1785 | 3746 | 3618 | 1814 | 3061 | 9080 | 10178 | 12474 | 12116 | 77573 |
| Edmonton | 9353 | 7374 | 11310 | 619 | 346 | 190 | 104 | 73 | 282 | 550 | 5117 | 4779 | 40097 |
| Gleichen | 109 | 46 | 100 | 17 | 31 | 17 | ... | ... | ... | ... | ... | ... | 320 |
| Pembina | 232 | 207 | 244 | 284 | ... | 1 | ... | ... | 16 | 18 | 274 | 274 | 1550 |
| Taber | 69 | 61 | 108 | 7 | 1 | ... | ... | 1 | 626 | 1526 | 1575 | 125 | 4099 |
| Wetaskiwin | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Whitecourt | 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 10 |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 5: | | | | | | | | | | | | | |
| Camrose | 242 | 303 | 323 | 162 | 54 | 14 | 26 | 20 | 87 | 250 | 505 | 660 | 2646 |
| Castor | 1631 | 1600 | 2080 | 1752 | 920 | 978 | 1071 | 800 | 421 | 337 | 1470 | 1022 | 14082 |
| Pakowki | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Redcliff | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sheerness | ... | ... | ... | ... | ... | ... | ... | ... | ... | 20 | 6 | ... | 26 |
| Tofield | 32 | 5 | ... | ... | ... | ... | ... | ... | ... | 15 | 39 | 73 | 164 |
| Westlock | 255 | 29 | 18 | 3 | 4 | ... | ... | ... | ... | 3 | 75 | 70 | 457 |
| Total: | 20381 | 15642 | 22870 | 4821 | 5337 | 4999 | 3234 | 4031 | 10979 | 14031 | 23506 | 20703 | 150534 |

Total amount of Bituminous Coal disposed of by areas during each month for consumption in SASKATCHEWAN:
MINE RUN

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | 43 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 43 |
| Highwood | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nordegg | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | ... | 45 | 86 | ... | 38 | ... | ... | 46 | 43 | 43 | 55 | 130 | 486 |
| Mtn. Park | ... | ... | ... | ... | ... | ... | ... | 43 | ... | ... | ... | ... | 43 |
| Oldman | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Halcourt | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lethbridge | ... | ... | ... | ... | ... | ... | ... | 40 | ... | ... | ... | ... | 40 |
| Pekisko | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pincher | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pr. Creek | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Saunders | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 43 | 45 | 86 | ... | 38 | ... | ... | 129 | 43 | 43 | 55 | 130 | 612 |

## LUMP COAL

500 2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | ... | 42 | 41 | ... | ... | 79 | ... | ... | ... | 42 | 81 | ... | 285 |
| Highwood | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nordegg | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | 297 | 387 | 296 | 81 | 217 | 82 | 122 | 172 | 264 | 447 | 268 | 434 | 3067 |
| Mtn. Park | ... | 42 | ... | ... | ... | ... | ... | ... | ... | ... | 40 | ... | 82 |
| Oldman | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | 151 | ... | 82 | ... | 47 | ... | ... | ... | 193 | 299 | 627 | 1146 | 2545 |
| Halcourt | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lethbridge | 2064 | 835 | 825 | 84 | 426 | 515 | 492 | 612 | 2413 | 4418 | 4734 | 7662 | 25080 |
| Pekisko | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pincher | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pr. Creek | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Saunders | 87 | 42 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 129 |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 2599 | 1348 | 1244 | 165 | 690 | 676 | 614 | 784 | 2870 | 5206 | 5750 | 9242 | 31188 |

## NUT COAL

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Highwood | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nordegg | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | 12 | 43 | 121 | 133 | 268 | 121 | ... | ... | 45 | 43 | 72 | 51 | 909 |
| Mtn. Park | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Oldman | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | ... | ... | ... | ... | ... | ... | ... | ... | 42 | ... | ... | ... | 42 |
| Halcourt | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lethbridge | 364 | 482 | 408 | 248 | 482 | 253 | 109 | 320 | 731 | 1060 | 1442 | 1781 | 7680 |
| Pekisko | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pincher | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pr. Creek | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Saunders | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 376 | 525 | 529 | 381 | 750 | 374 | 109 | 320 | 818 | 1103 | 1514 | 1832 | 8631 |

PREPARED STOKER

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | 127 | 298 | 83 | 44 | ... | ... | ... | 162 | 254 | 208 | 292 | 244 | 1712 |
| Highwood | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nordegg | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | 44 | 46 | ... | ... | ... | ... | ... | 152 | 74 | ... | 187 | ... | 503 |
| Mtn. Park | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Oldman | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | 276 | 41 | 75 | ... | 35 | ... | ... | ... | 444 | 159 | 241 | 444 | 1715 |
| Halcourt | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lethbridge | 168 | 83 | 39 | ... | 10 | ... | ... | 34 | 124 | 128 | 84 | 127 | 797 |
| Pekisko | ... | ... | ... | ... | ... | ... | ... | ... | 77 | ... | ... | ... | 77 |
| Pincher | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pr. Creek | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Saunders | 116 | 77 | 132 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 325 |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 731 | 545 | 329 | 44 | 45 | ... | ... | 348 | 973 | 495 | 804 | 815 | 5129 |

## NUT-SLACK

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 128 | 128 |
| Highwood | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nordegg | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Mtn. Park | ... | ... | ... | ... | ... | 41 | ... | ... | ... | ... | ... | ... | 41 |
| Oldman | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Halcourt | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lethbridge | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pekisko | ... | ... | ... | ... | ... | ... | ... | ... | 131 | ... | ... | ... | 131 |
| Pincher | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pr. Creek | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Saunders | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | ... | ... | ... | ... | ... | 41 | ... | ... | 131 | ... | ... | 128 | 300 |

## SLACK COAL

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | ... | ... | ... | ... | ... | ... | ... | ... | 43 | ... | ... | ... | 43 |
| Highwood | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nordegg | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | ... | ... | ... | 159 | ... | 74 | 78 | ... | ... | ... | ... | ... | 311 |
| Mtn. Park | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Oldman | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | ... | 376 | 100 | 43 | 43 | ... | ... | ... | ... | ... | ... | 84 | 646 |
| Halcourt | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lethbridge | ... | ... | ... | ... | ... | ... | ... | 4926 | ... | ... | ... | ... | 4926 |
| Pekisko | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pincher | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pr. Creek | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Saunders | 77 | 81 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 158 |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 77 | 457 | 100 | 202 | 43 | 74 | 78 | 4926 | 43 | ... | ... | 84 | 6084 |

Total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in SASKATCHEWAN:

MINE RUN

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Ardley | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Big Valley | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Brooks | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Carbon | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Champion | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drumheller | 3600 | 2011 | 2206 | 449 | 1933 | 3152 | 1555 | 1696 | 3250 | 4009 | 4537 | 3986 | 32384 |
| Edmonton | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gleichen | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pembina | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Taber | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Wetaskiwin | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Whitecourt | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 5: | | | | | | | | | | | | | |
| Camrose | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Castor | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pakowki | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Redcliff | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sheerness | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Tofield | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Westlock | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 3600 | 2011 | 2206 | 449 | 1933 | 3152 | 1555 | 1696 | 3250 | 4009 | 4537 | 3986 | 32384 |

## LUMP COAL

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Ardley | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Big Valley | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Brooks | 834 | 95 | 240 | ... | 43 | 41 | ... | ... | 211 | 1196 | 2639 | 4914 | 10213 |
| Carbon | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Champion | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drumheller | 31229 | 21837 | 21613 | 3239 | 12121 | 16156 | 7007 | 14375 | 29828 | 38346 | 38972 | 38148 | 272871 |
| Edmonton | 298 | 154 | 114 | ... | ... | 811 | 296 | 122 | 670 | 755 | 1071 | 1039 | 5330 |
| Gleichen | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pembina | 672 | 442 | 551 | 287 | 84 | 132 | 84 | 40 | 198 | 507 | 1030 | 854 | 4881 |
| Taber | 276 | 45 | ... | ... | ... | ... | ... | 78 | 447 | 2065 | 2045 | 4033 | 8989 |
| Wetaskiwin | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Whitecourt | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 5: | | | | | | | | | | | | | |
| Camrose | ... | ... | ... | ... | ... | ... | ... | ... | 170 | 40 | 125 | 42 | 377 |
| Castor | 10852 | 8820 | 7664 | 2214 | 683 | 204 | 39 | 471 | 7289 | 11514 | 25426 | 25815 | 100991 |
| Pakowki | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Redcliff | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sheerness | 1501 | 1117 | 2303 | 152 | 236 | 194 | 232 | 449 | 775 | 2025 | 4033 | 4251 | 17268 |
| Tofield | 407 | 278 | 378 | 142 | ... | ... | ... | ... | 324 | 718 | 1065 | 1126 | 4438 |
| Westlock | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 46069 | 32788 | 32863 | 6034 | 13167 | 17538 | 7658 | 15535 | 39912 | 57166 | 76406 | 80222 | 425358 |

## NUT COAL

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Ardley | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Big Valley | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Brooks | 139 | ... | 43 | 87 | ... | ... | ... | ... | 43 | 240 | 388 | 412 | 1352 |
| Carbon | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Champion | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drumheller | 4907 | 3428 | 4158 | 1242 | 2366 | 2443 | 845 | 2085 | 4757 | 5806 | 6094 | 5700 | 43831 |
| Edmonton | 84 | ... | ... | ... | ... | 36 | ... | 41 | ... | 75 | 120 | 58 | 414 |
| Gleichen | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pembina | 119 | 15 | 66 | ... | 10 | ... | ... | 10 | 89 | 187 | 25 | 41 | 562 |
| Taber | ... | ... | ... | ... | ... | ... | ... | ... | ... | 129 | ... | 216 | 345 |
| Wetaskiwin | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Whitecourt | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 5: | | | | | | | | | | | | | |
| Camrose | 44 | ... | ... | ... | 40 | ... | ... | 44 | ... | ... | 45 | 45 | 218 |
| Castor | 2824 | 2306 | 2634 | 515 | 317 | 344 | 80 | 159 | 3905 | 3618 | 5406 | 5707 | 27815 |
| Pakowki | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Redcliff | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sheerness | 978 | 745 | 521 | 78 | 73 | 34 | 144 | 231 | 1289 | 1343 | 1368 | 1702 | 8506 |
| Tofield | 402 | 266 | 329 | 142 | ... | ... | ... | ... | 123 | 356 | 701 | 700 | 3019 |
| Westlock | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 9497 | 6760 | 7751 | 2064 | 2806 | 2857 | 1069 | 2570 | 10206 | 11754 | 14147 | 14581 | 86062 |

## PREPARED STOKER

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Ardley | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Big Valley | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Brooks | 76 | 67 | 16 | ... | ... | ... | ... | ... | ... | 98 | 81 | 160 | 498 |
| Carbon | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Champion | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drumheller | 3572 | 2018 | 2694 | 368 | 1137 | 990 | 665 | 1068 | 2681 | 3997 | 3379 | 5135 | 27704 |
| Edmonton | 42 | ... | 161 | ... | 37 | ... | ... | ... | 116 | 240 | 161 | 172 | 929 |
| Gleichen | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pembina | 425 | 176 | 369 | ... | 119 | 41 | 44 | 35 | 381 | 180 | 435 | 473 | 2678 |
| Taber | 21 | ... | ... | ... | ... | ... | ... | ... | ... | 43 | 21 | ... | 85 |
| Wetaskiwin | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Whitecourt | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nc Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 5: | | | | | | | | | | | | | |
| Camrose | 45 | ... | 42 | ... | ... | ... | ... | ... | ... | 129 | 90 | 81 | 387 |
| Castor | 4565 | 3928 | 3717 | 586 | 907 | 691 | 358 | 716 | 4549 | 3562 | 5827 | 4753 | 34159 |
| Pakowki | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Redcliff | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sheerness | 3330 | 3427 | 1363 | 1481 | 1597 | 188 | 147 | 467 | 2726 | 3712 | 4778 | 6321 | 29537 |
| Tofield | 996 | 863 | 1006 | 639 | ... | ... | ... | ... | 80 | 452 | 494 | 1295 | 5825 |
| Westlock | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 13072 | 10479 | 9368 | 3074 | 3797 | 1910 | 1214 | 2286 | 10533 | 12413 | 15266 | 18390 | 101802 |

## NUT-SLACK

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Ardley | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Big Valley | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Brooks | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Carbon | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Champion | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drumheller | 2349 | 1713 | 2961 | 670 | 991 | 1079 | 479 | 1319 | 1580 | 2521 | 2785 | 3082 | 21529 |
| Edmonton | ... | ... | ... | ... | ... | ... | ... | ... | 22 | 10 | ... | ... | 32 |
| Gleichen | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pembina | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Taber | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Wetaskiwin | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Whitecourt | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 5: | | | | | | | | | | | | | |
| Camrose | ... | ... | ... | ... | ... | ... | ... | ... | 81 | 105 | 88 | ... | 274 |
| Castor | 123 | 40 | 40 | 39 | ... | 40 | ... | ... | 80 | ... | 159 | 122 | 643 |
| Pakowki | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Redcliff | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sheerness | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Tofield | ... | 20 | 18 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 38 |
| Westlock | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 2472 | 1773 | 3019 | 709 | 991 | 1119 | 479 | 1319 | 1763 | 2636 | 3032 | 3204 | 22516 |

SLACK COAL

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Ardley | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Big Valley | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Brooks | 1321 | 1140 | 1526 | 453 | ... | ... | ... | ... | ... | 538 | 1334 | 1401 | 7713 |
| Carbon | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Champion | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drumheller | 9678 | 8082 | 7730 | 3523 | 3219 | 3303 | 2985 | 7876 | 5743 | 4160 | 2436 | 671 | 59406 |
| Edmonton | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gleichen | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pembina | 2235 | 1357 | 132 | 1296 | 1147 | 316 | 1182 | 2335 | 1573 | 1087 | 316 | ... | 12976 |
| Taber | 314 | 286 | 147 | 150 | ... | ... | ... | ... | ... | ... | 410 | 1977 | 3284 |
| Wetaskiwin | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Whitecourt | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 5: | | | | | | | | | | | | | |
| Camrose | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Castor | 7183 | 5973 | 7176 | 4885 | 5034 | 3243 | 4951 | 4598 | 5337 | 4656 | 12605 | 15317 | 80958 |
| Pakowki | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Redcliff | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sheerness | 1510 | 382 | 96 | 1039 | 1526 | 182 | 784 | 876 | 792 | 487 | 980 | 235 | 8889 |
| Tofield | 85 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 85 |
| Westlock | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 22326 | 17220 | 16807 | 11346 | 10926 | 7044 | 9902 | 15685 | 13445 | 10928 | 18081 | 19601 | 173311 |

## Total Amount of Bituminous Coal disposed of by areas during each month for consumption in BRITISH COLUMBIA: MINE RUN

500 2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Highwood | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nordegg | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | ... | 41 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 41 |
| Mtn. Park | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Oldman | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Halcourt | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lethbridge | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pekisko | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pincher | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pr. Creek | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Saunders | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | ... | 41 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 41 |

LUMP COAL

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | 19 | 27 | ... | ... | ... | ... | ... | 43 | ... | 55 | ... | ... | 144 |
| Highwood | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nordegg | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | 1300 | 688 | 1204 | 729 | 611 | 647 | 632 | 1643 | 2812 | 3303 | 2632 | 1708 | 17909 |
| Mtn. Park | 81 | 123 | 205 | 171 | 15 | 94 | 278 | 124 | 185 | 148 | 346 | 165 | 1935 |
| Oldman | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | 11009 | 7240 | 8865 | 3986 | 8263 | 5586 | 3043 | 4739 | 7446 | 11123 | 15640 | 14752 | 101692 |
| Halcourt | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lethbridge | 1011 | 867 | 1362 | 433 | 1078 | 870 | 475 | 1664 | 1343 | 2862 | 3523 | 3044 | 18532 |
| Pekisko | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 22 | ... | 22 |
| Pincher | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pr. Creek | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Saunders | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 13420 | 8945 | 11636 | 5319 | 9967 | 7197 | 4428 | 8213 | 11786 | 17491 | 22163 | 19669 | 140234 |

NUT COAL

500·2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | 45 | ... | 51 | ... | ... | ... | ... | ... | 26 | 395 | 42 | 43 | 602 |
| Highwood | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nordegg | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | 1109 | 1661 | 1265 | 756 | 672 | 538 | 315 | 504 | 1379 | 2012 | 1686 | 2274 | 14171 |
| Mtn. Park | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Oldman | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | 2571 | 2264 | 3541 | 1301 | 1855 | 1432 | 1180 | 1622 | 2249 | 2164 | 3540 | 3677 | 27396 |
| Halcourt | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lethbridge | 355 | 236 | 421 | 190 | 418 | 281 | 85 | 350 | 449 | 969 | 1198 | 1772 | 6724 |
| Pekisko | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pincher | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pr. Creek | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Saunders | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 4080 | 4161 | 5278 | 2247 | 2945 | 2251 | 1580 | 2476 | 4103 | 5540 | 6466 | 7766 | 48893 |

PREPARED STOKER

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | 532 | 478 | 401 | 375 | 268 | 248 | 126 | 527 | 642 | 583 | 631 | 1143 | 5954 |
| Highwood | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nordegg | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | 1012 | 506 | 627 | 576 | ... | 245 | 316 | 477 | 817 | 755 | 764 | 1834 | 7929 |
| Mtn. Park | 1733 | 1574 | 1771 | 1930 | 3063 | 2567 | 3737 | 3621 | 2446 | 985 | 3050 | 2300 | 28777 |
| Oldman | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | 16185 | 14117 | 16247 | 11326 | 10772 | 10290 | 4847 | 4721 | 16176 | 7811 | 11882 | 12766 | 137140 |
| Halcourt | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lethbridge | 385 | 242 | 256 | 120 | 189 | 182 | 148 | 140 | 409 | 677 | 737 | 619 | 4104 |
| Pekisko | 75 | 28 | 56 | ... | 24 | ... | ... | ... | ... | 54 | 26 | 28 | 291 |
| Pincher | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pr. Creek | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Saunders | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 19922 | 16945 | 19358 | 14327 | 14316 | 13532 | 9174 | 9486 | 20490 | 10865 | 17090 | 18690 | 184195 |

### NUT-SLACK

500 2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | 81 | 105 | 83 | 61 | 85 | 121 | 40 | 141 | 40 | 125 | 123 | ... | 1005 |
| Highwood | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nordegg | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | ... | 45 | 47 | ... | ... | ... | ... | ... | ... | 45 | ... | 1097 | 1234 |
| Mtn. Park | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Oldman | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Halcourt | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lethbridge | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pekisko | 178 | 224 | 241 | 170 | 13 | ... | ... | ... | ... | 207 | 169 | 102 | 1304 |
| Pincher | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pr. Creek | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Saunders | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 259 | 374 | 371 | 231 | 98 | 121 | 40 | 141 | 40 | 377 | 292 | 1199 | 3543 |

SLACK COAL

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | ... | ... | ... | ... | ... | 39 | ... | 40 | ... | ... | 83 | 40 | 202 |
| Highwood | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nordegg | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | 15803 | 14946 | 15986 | 11048 | ... | 7941 | 9080 | 9642 | 9399 | 9505 | 15444 | 15039 | 133833 |
| Mtn. Park | 7105 | 8036 | 7917 | 7653 | 7357 | 7383 | 6668 | 7610 | 7667 | 6151 | 6651 | 5237 | 85435 |
| Oldman | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | 1895 | 798 | 1677 | 1646 | 1567 | 1991 | 782 | 1069 | 1463 | 769 | 634 | 953 | 15244 |
| Halcourt | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lethbridge | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pekisko | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pincher | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pr. Creek | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Saunders | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 24803 | 23780 | 25580 | 20347 | 8924 | 17354 | 16530 | 18361 | 18529 | 16425 | 22812 | 21269 | 234714 |

Total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in BRITISH COLUMBIA:

MINE RUN

500 2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Drumheller | 624 | 240 | 526 | 683 | 732 | 685 | 338 | 383 | 803 | 942 | 897 | 853 | 7706 |
| Total: | 624 | 240 | 526 | 683 | 732 | 685 | 338 | 383 | 803 | 942 | 897 | 853 | 7706 |
| | | | | | | LUMP COAL | | | | | | | |
| Group 4: | | | | | | | | | | | | | |
| Brooks | 174 | ... | ... | ... | ... | ... | ... | ... | ... | 204 | 418 | 403 | 1199 |
| Carbon | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drumheller | 9138 | 6550 | 7779 | 2214 | 6119 | 5313 | 2551 | 4813 | 8149 | 11991 | 13052 | 13744 | 91413 |
| Edmonton | ... | 40 | ... | ... | ... | ... | ... | ... | ... | 51 | ... | 44 | 135 |
| Pembina | 1546 | 1111 | 1048 | 476 | 322 | 255 | 214 | 519 | 730 | 1281 | 2550 | 1085 | 11137 |
| Taber | 298 | 253 | ... | ... | ... | ... | ... | 116 | 530 | 1079 | 1957 | 1736 | 5969 |
| Group 5: | | | | | | | | | | | | | |
| Camrose | 285 | 172 | 218 | 42 | 40 | ... | ... | ... | 123 | 250 | 141 | 131 | 1402 |
| Castor | 3655 | 3866 | 3506 | 1123 | 573 | 485 | 324 | 851 | 3484 | 4354 | 9283 | 6566 | 38070 |
| Redcliff | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sheerness | 681 | 371 | 307 | 87 | 15 | ... | 22 | ... | 189 | 446 | 712 | 491 | 3321 |
| Tofield | 43 | 49 | ... | ... | ... | ... | ... | ... | ... | 40 | 91 | 42 | 265 |
| Westlock | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 15820 | 12412 | 12858 | 3942 | 7069 | 6053 | 3111 | 6299 | 13205 | 19696 | 28204 | 24242 | 152911 |

NUT COAL

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Brooks | ... | ... | ... | ... | ... | ... | ... | ... | ... | 27 | 50 | ... | 77 |
| Drumheller | 1601 | 908 | 1917 | 642 | 1560 | 1402 | 690 | 1476 | 1938 | 2231 | 2244 | 2686 | 19295 |
| Edmonton | 177 | 82 | 78 | ... | ... | ... | ... | ... | ... | 28 | ... | 46 | 411 |
| Pembina | 623 | 396 | 466 | 356 | 126 | 126 | 212 | 229 | 502 | 406 | 683 | 514 | 4639 |
| Taber | 43 | 44 | ... | ... | ... | ... | ... | ... | 85 | 137 | ... | 44 | 353 |
| Group 5: | | | | | | | | | | | | | |
| Camrose | 178 | 132 | 192 | 86 | 42 | ... | ... | ... | 124 | 252 | 133 | 137 | 1276 |
| Castor | 439 | 275 | 452 | 188 | 55 | 51 | 44 | 216 | 698 | 539 | 848 | 446 | 4251 |
| Sheerness | 40 | 48 | 30 | 23 | 18 | ... | ... | ... | 138 | ... | 61 | 76 | 434 |
| Tofield | ... | 42 | 41 | ... | ... | ... | ... | ... | ... | 42 | ... | ... | 125 |
| Total: | 3101 | 1927 | 3176 | 1295 | 1801 | 1579 | 946 | 1921 | 3485 | 3662 | 4019 | 3949 | 30861 |

PREPARED STOKER

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Brooks | 22 | 42 | ... | ... | ... | ... | ... | ... | ... | 16 | 43 | 52 | 175 |
| Drumheller | 2223 | 1971 | 2561 | 911 | 2000 | 1213 | 478 | 1011 | 2076 | 3797 | 3306 | 2494 | 24041 |
| Edmonton | ... | 44 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 44 |
| Pembina | 6927 | 7828 | 8673 | 8546 | 6844 | 4836 | 7790 | 11557 | 758 | 792 | 1339 | 1325 | 67215 |
| Taber | ... | 85 | ... | ... | ... | ... | ... | ... | 167 | 301 | 250 | 157 | 960 |
| Group 5: | | | | | | | | | | | | | |
| Camrose | 169 | 128 | 212 | 128 | ... | ... | ... | ... | 148 | 166 | 169 | ... | 1120 |
| Castor | 1444 | 1457 | 1229 | 728 | 518 | 169 | 258 | 557 | 1146 | 1029 | 2187 | 1951 | 12673 |
| Sheerness | 249 | 163 | 377 | 56 | 117 | 74 | 50 | 159 | 473 | 404 | 291 | 316 | 2729 |
| Tofield | ... | 38 | ... | ... | ... | ... | ... | ... | ... | 45 | 41 | ... | 124 |
| Westlock | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 11034 | 11756 | 13052 | 10369 | 9479 | 6292 | 8576 | 13284 | 4768 | 6550 | 7626 | 6295 | 109081 |

## NUT-SLACK

500 2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Brooks | 223 | 89 | 88 | 42 | 48 | ... | ... | ... | 131 | ... | ... | 44 | 665 |
| Drumheller | 123 | 60 | 143 | 127 | 245 | 77 | 131 | 240 | 86 | 181 | 155 | 180 | 1748 |
| Group 5: | | | | | | | | | | | | | |
| Camrose | 44 | 130 | 68 | 43 | 84 | ... | ... | 83 | ... | 75 | 140 | 173 | 840 |
| Castor | 409 | 332 | 472 | 196 | 122 | ... | 39 | 153 | 218 | 422 | 498 | 474 | 3335 |
| Tofield | ... | 41 | ... | 44 | ... | ... | ... | ... | ... | ... | ... | ... | 85 |
| Total: | 799 | 652 | 771 | 452 | 499 | 77 | 170 | 476 | 435 | 678 | 793 | 871 | 6673 |

## SLACK COAL

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Brooks | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drumheller | ... | 534 | ... | ... | ... | ... | ... | ... | 70 | ... | 45 | 45 | 694 |
| Edmonton | ... | 75 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 133 | 208 |
| Pembina | 1497 | 1630 | 1595 | 1605 | 1687 | 1512 | 929 | 1154 | 44 | ... | ... | 1270 | 12923 |
| Group 5: | | | | | | | | | | | | | |
| Camrose | ... | ... | ... | ... | ... | ... | ... | ... | 15 | ... | ... | ... | 15 |
| Castor | 39 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 33 | ... | 72 |
| Sheerness | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 1536 | 2239 | 1595 | 1605 | 1687 | 1512 | 929 | 1154 | 129 | ... | 78 | 1448 | 13912 |

Total amount of Bituminous Coal disposed of by areas during each month for consumption in MANITOBA:
MINE RUN

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | ... | 42 | ... | ... | 54 | ... | 43 | 55 | ... | 77 | 40 | 130 | 441 |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Mtn. Park | ... | ... | ... | 112 | 685 | 694 | 1400 | 1339 | 119 | ... | 514 | 383 | 5246 |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | ... | 42 | ... | 112 | 739 | 694 | 1443 | 1394 | 119 | 77 | 554 | 513 | 5687 |
| | | | | | | LUMP COAL | | | | | | | |
| Group 1: | | | | | | | | | | | | | |
| Cascade | 135 | ... | ... | ... | ... | ... | ... | ... | 167 | 87 | 165 | 279 | 833 |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | 231 | 116 | 109 | 69 | 43 | 207 | 285 | 378 | 330 | 290 | 633 | 667 | 3358 |
| Mtn. Park | 929 | 936 | 550 | 93 | 84 | ... | 43 | 118 | 398 | 153 | 266 | ... | 3570 |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | 2448 | 998 | 1067 | ... | 588 | 276 | 43 | 814 | 2470 | 1921 | 2447 | 3348 | 16420 |
| Lethbridge | 253 | 41 | 117 | ... | 43 | 85 | ... | 105 | 292 | 676 | 363 | 1426 | 3401 |
| Pekisko | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Saunders | 104 | 218 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 322 |
| Total: | 4100 | 2309 | 1843 | 162 | 758 | 568 | 371 | 1415 | 3657 | 3127 | 3874 | 5720 | 27904 |

## NUT COAL

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | ... | 213 | 163 | 43 | ... | ... | ... | 15 | 81 | ... | ... | 174 | 689 |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | 717 | 740 | 976 | 292 | 354 | 77 | ... | 1304 | 1763 | 1359 | 406 | 205 | 8193 |
| Mtn. Park | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | 72 | 39 | 43 | ... | ... | ... | ... | 40 | ... | ... | 39 | 75 | 308 |
| Lethbridge | 43 | 42 | 43 | ... | ... | ... | ... | 162 | 87 | 123 | 228 | 523 | 1251 |
| Total: | 832 | 1034 | 1225 | 335 | 354 | 77 | ... | 1521 | 1931 | 1482 | 673 | 977 | 10441 |

## PREPARED STOKER

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | 64 | 151 | 125 | 102 | 41 | 258 | ... | ... | 159 | 41 | 140 | 123 | 1204 |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | 2509 | 115 | 207 | ... | ... | 1278 | 1194 | 696 | 1176 | 338 | 1146 | 4124 | 12783 |
| Mtn. Park | 258 | 350 | 351 | ... | ... | ... | 42 | 42 | 390 | 338 | 388 | 828 | 2987 |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | 119 | ... | ... | ... | ... | ... | ... | 186 | 298 | 38 | 39 | 328 | 1008 |
| Lethbridge | ... | ... | ... | ... | ... | ... | ... | 58 | ... | ... | ... | ... | 58 |
| Saunders | 19 | ... | 39 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 58 |
| Total: | 2969 | 616 | 722 | 102 | 41 | 1536 | 1236 | 982 | 2023 | 755 | 1713 | 5403 | 18098 |

## NUT-SLACK

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | ... | ... | ... | ... | ... | ... | ... | 29 | ... | ... | ... | ... | 29 |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | ... | 1892 | 1168 | 350 | ... | ... | ... | ... | 144 | 1305 | 1917 | 5732 | 12508 |
| Mtn. Park | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 896 | 896 |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Saunders | 41 | 42 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 83 |
| Total: | 41 | 1934 | 1168 | 350 | ... | ... | ... | 29 | 144 | 1305 | 1917 | 6628 | 13516 |

## SLACK COAL

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | ... | ... | 38 | ... | 38 | ... | ... | ... | 40 | ... | 681 | 40 | 837 |
| Mtn. Park | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | ... | ... | 44 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 44 |
| Saunders | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | ... | ... | 82 | ... | 38 | ... | ... | ... | 40 | ... | 681 | 40 | 881 |

**Total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in MANITOBA:**

MINE RUN

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Brooks | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drumheller | 2861 | 1351 | 1478 | 270 | 443 | 373 | 98 | 957 | 1079 | 496 | 949 | 1058 | 11413 |
| Group 5: | | | | | | | | | | | | | |
| Castor | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 2861 | 1351 | 1478 | 270 | 443 | 373 | 98 | 957 | 1079 | 496 | 949 | 1058 | 11413 |
| | | | | | | LUMP COAL | | | | | | | |
| Group 4: | | | | | | | | | | | | | |
| Brooks | 334 | 41 | 125 | ... | ... | ... | ... | ... | 168 | 728 | 1951 | 3747 | 7094 |
| Carbon | 81 | 85 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 166 |
| Drumheller | 12977 | 9543 | 8567 | 788 | 3479 | 3212 | 2254 | 5649 | 8901 | 11842 | 11737 | 12814 | 91763 |
| Edmonton | 546 | 279 | ... | ... | ... | ... | ... | ... | 170 | 408 | 605 | 434 | 2442 |
| Pembina | 85 | 89 | 129 | ... | ... | ... | ... | ... | ... | 115 | 160 | 132 | 710 |
| Taber | 253 | 45 | 43 | ... | ... | ... | ... | ... | 274 | 734 | 1835 | 2564 | 5748 |
| Group 5: | | | | | | | | | | | | | |
| Camrose | ... | 42 | ... | ... | ... | ... | ... | ... | ... | ... | 42 | ... | 84 |
| Castor | 4729 | 3465 | 3042 | 759 | 39 | 75 | 119 | 322 | 3717 | 4353 | 9668 | 11125 | 41413 |
| Sheerness | 869 | 368 | 297 | ... | ... | ... | ... | ... | 284 | 603 | 1445 | 2660 | 6526 |
| Tofield | 501 | 309 | 69 | ... | ... | ... | ... | ... | 210 | 645 | 431 | 395 | 2560 |
| Total: | 20375 | 14266 | 12272 | 1547 | 3518 | 3287 | 2373 | 5971 | 13724 | 19428 | 27874 | 33871 | 158506 |

NUT COAL

500·2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Brooks | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 39 | 39 |
| Carbon | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drumheller | 887 | 652 | 894 | 95 | 61 | 120 | 82 | 488 | 1062 | 772 | 1116 | 1346 | 7575 |
| Edmonton | 20 | 45 | ... | ... | ... | ... | ... | ... | 30 | 35 | 27 | 25 | 182 |
| Pembina | ... | 15 | ... | ... | ... | ... | ... | ... | 10 | 90 | ... | ... | 115 |
| Taber | ... | ... | ... | ... | ... | ... | ... | ... | ... | 45 | 43 | 21 | 109 |
| Group 5: | | | | | | | | | | | | | |
| Camrose | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Castor | 248 | 267 | 236 | 41 | 41 | ... | ... | 123 | 423 | 226 | 465 | 671 | 2741 |
| Sheerness | ... | 41 | 42 | 35 | ... | ... | ... | ... | 42 | 36 | 109 | 155 | 460 |
| Tofield | 86 | 42 | 59 | ... | ... | ... | ... | ... | 12 | 79 | 81 | 89 | 448 |
| Total: | 1241 | 1062 | 1231 | 171 | 102 | 120 | 82 | 611 | 1579 | 1283 | 1841 | 2346 | 11669 |

PREPARED STOKER

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Brooks | 51 | ... | ... | ... | ... | ... | ... | ... | ... | 122 | 114 | 87 | 374 |
| Carbon | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drumheller | 404 | 345 | 323 | ... | 76 | 164 | 81 | 165 | 630 | 578 | 505 | 534 | 3805 |
| Edmonton | 250 | 202 | 76 | ... | 37 | ... | ... | ... | 157 | 202 | 227 | 58 | 1209 |
| Pembina | 122 | 147 | 41 | 44 | 44 | ... | 44 | ... | 156 | 160 | 188 | 220 | 1166 |
| Taber | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 5: | | | | | | | | | | | | | |
| Camrose | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Castor | 2612 | 2622 | 2064 | 39 | 78 | ... | 42 | 428 | 3995 | 2827 | 3843 | 3877 | 22427 |
| Sheerness | 640 | 545 | 553 | ... | 40 | ... | ... | ... | 924 | 738 | 929 | 1423 | 5792 |
| Tofield | 20 | 138 | 83 | ... | ... | ... | ... | ... | ... | 45 | 79 | 44 | 409 |
| Total: | 4099 | 3999 | 3140 | 83 | 275 | 164 | 167 | 593 | 5862 | 4672 | 5885 | 6243 | 35182 |

NUT-SLACK

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Brooks | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drumheller | ... | ... | 18 | ... | 44 | ... | ... | 40 | 23 | 42 | ... | 88 | 255 |
| Edmonton | ... | ... | ... | ... | ... | ... | ... | ... | 39 | ... | ... | ... | 39 |
| Group 5: | | | | | | | | | | | | | |
| Castor | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | ... | ... | 18 | ... | 44 | ... | ... | 40 | 62 | 42 | ... | 88 | 294 |

SLACK COAL

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Brooks | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 5: | | | | | | | | | | | | | |
| Castor | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

Total amount of Bituminous Coal disposed of by areas during each month for consumption in ONTARIO:
LUMP COAL

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | 256 | 335 | 237 | 48 | ... | 104 | ... | 1758 | 1255 | 1282 | 344 | 374 | 5993 |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | 88 | 131 | 131 | 43 | ... | ... | ... | ... | 50 | 45 | 87 | 131 | 706 |
| Mtn. Park | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 799 | 799 |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | 3094 | 2467 | 2108 | 364 | 953 | 239 | 354 | 1988 | 3256 | 3285 | 3113 | 3920 | 25141 |
| Lethbridge | 380 | 253 | 162 | ... | ... | 41 | 43 | 41 | 87 | 264 | 396 | 339 | 2006 |
| Pekisko | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Saunders | 265 | 343 | 43 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 651 |
| Total: | 4083 | 3529 | 2681 | 455 | 953 | 384 | 397 | 3787 | 4648 | 4876 | 3940 | 5563 | 35296 |
| | | | | | | NUT COAL | | | | | | | |
| Group 1: | | | | | | | | | | | | | |
| Cascade | 207 | 360 | 362 | 523 | 57 | 162 | 161 | 109 | 248 | 531 | 425 | 324 | 3469 |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | ... | ... | ... | ... | ... | ... | 62 | ... | ... | 373 | 182 | 42 | 659 |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | 228 | 79 | 174 | 41 | ... | ... | 82 | 45 | 226 | 78 | 201 | 272 | 1426 |
| Lethbridge | 153 | 86 | 98 | ... | ... | ... | ... | ... | 164 | 270 | 239 | 387 | 1397 |
| Saunders | 38 | 63 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 101 |
| Total: | 626 | 588 | 634 | 564 | 57 | 162 | 305 | 154 | 638 | 1252 | 1047 | 1025 | 7052 |

## PREPARED STOKER

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | ... | 49 | 92 | 404 | 92 | ... | ... | ... | 51 | ... | ... | ... | 688 |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | ... | ... | ... | 115 | ... | ... | ... | ... | ... | ... | ... | 1004 | 1119 |
| Mtn. Park | ... | ... | ... | ... | 347 | ... | ... | ... | ... | 44 | ... | 82 | 473 |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | ... | ... | ... | ... | ... | 1075 | ... | 3390 | ... | ... | ... | 44 | 4509 |
| Total: | ... | 49 | 92 | 519 | 439 | 1075 | ... | 3390 | 51 | 44 | ... | 1130 | 6789 |

## NUT-SLACK

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | ... | 50 | ... | 107 | ... | ... | ... | ... | ... | ... | ... | ... | 157 |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | ... | ... | ... | ... | ... | ... | ... | ... | 2400 | 4794 | 6770 | 5027 | 18991 |
| Total: | ... | 50 | ... | 107 | ... | ... | ... | ... | 2400 | 4794 | 6770 | 5027 | 19148 |

## SLACK COAL

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | ... | ... | ... | ... | ... | ... | ... | ... | 73 | 49 | ... | ... | 122 |
| Group 2: | | | | | | | | | | | | | |
| Mtn. Park | ... | ... | ... | ... | 694 | ... | ... | ... | ... | ... | ... | ... | 694 |
| Total: | ... | ... | ... | ... | 694 | ... | ... | ... | 73 | 49 | ... | ... | 816 |

Total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in ONTARIO:
MINE RUN

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Drumheller | 84 | 172 | ... | 39 | ... | ... | 40 | ... | 42 | ... | 78 | ... | 455 |
| Edmonton | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 84 | 172 | ... | 39 | ... | ... | 40 | ... | 42 | ... | 78 | ... | 455 |
| | | | | | | LUMP COAL | | | | | | | |
| Group 4: | | | | | | | | | | | | | |
| Brooks | 42 | 40 | 41 | ... | ... | ... | ... | ... | 81 | ... | 245 | 211 | 660 |
| Drumheller | 2124 | 1575 | 1197 | 78 | 116 | 866 | 206 | 831 | 1048 | 3419 | 2161 | 1936 | 15557 |
| Edmonton | ... | ... | 46 | ... | ... | ... | ... | ... | ... | ... | 61 | ... | 107 |
| Pembina | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Taber | ... | ... | ... | ... | ... | ... | ... | ... | 40 | 41 | ... | 50 | 131 |
| Group 5: | | | | | | | | | | | | | |
| Camrose | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Castor | 80 | ... | 82 | ... | ... | ... | ... | ... | 42 | 38 | 122 | 343 | 707 |
| Sheerness | 76 | ... | ... | 36 | ... | ... | ... | ... | 82 | 80 | 122 | 39 | 435 |
| Tofield | ... | ... | ... | ... | ... | ... | ... | ... | ... | 85 | ... | ... | 85 |
| Total: | 2322 | 1615 | 1366 | 114 | 116 | 866 | 206 | 831 | 1293 | 3663 | 2711 | 2579 | 17682 |

## NUT COAL

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Drumheller | 450 | 200 | 252 | ... | 39 | 81 | 83 | 106 | 412 | 374 | 305 | 316 | 2618 |
| Edmonton | 56 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 24 | ... | 80 |
| Pembina | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Taber | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 5: | | | | | | | | | | | | | |
| Camrose | 44 | ... | ... | ... | ... | ... | ... | ... | 43 | ... | ... | ... | 87 |
| Sheerness | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 40 | ... | 40 |
| Tofield | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 550 | 200 | 252 | ... | 39 | 81 | 83 | 106 | 455 | 374 | 369 | 316 | 2825 |
| PREPARED STOKER | | | | | | | | | | | | | |
| Group 4: | | | | | | | | | | | | | |
| Drumheller | 94 | ... | 40 | ... | 40 | ... | 39 | ... | ... | 40 | 38 | 66 | 357 |
| Edmonton | ... | ... | ... | ... | ... | ... | ... | ... | 40 | ... | 42 | ... | 82 |
| Group 5: | | | | | | | | | | | | | |
| Sheerness | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Tofield | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 94 | ... | 40 | ... | 40 | ... | 39 | ... | 40 | 40 | 80 | 66 | 439 |
| NUT-SLACK | | | | | | | | | | | | | |
| Group 4: | | | | | | | | | | | | | |
| Drumheller | 43 | ... | 42 | ... | ... | ... | ... | 41 | ... | ... | ... | 59 | 185 |
| Group 5: | | | | | | | | | | | | | |
| Tofield | ... | 40 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 40 |
| Total: | 43 | 40 | 42 | ... | ... | ... | ... | 41 | ... | ... | ... | 59 | 225 |

Total amount of Bituminous Coal disposed of by areas during each month for consumption in UNITED STATES:
MINE RUN

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | ... | ... | 317 | ... | 243 | ... | ... | ... | 81 | 81 | 305 | 407 | 1434 |
| Total: | ... | ... | 317 | ... | 243 | ... | ... | ... | 81 | 81 | 305 | 407 | 1434 |
| | | | | | | LUMP COAL | | | | | | | |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | 155 | 91 | ... | ... | ... | 42 | 40 | ... | ... | 230 | 47 | 94 | 699 |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lethbridge | ... | ... | ... | ... | ... | ... | ... | 121 | ... | ... | ... | ... | 121 |
| Total: | 155 | 91 | ... | ... | ... | 42 | 40 | 121 | ... | 230 | 47 | 94 | 820 |
| | | | | | | NUT COAL | | | | | | | |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | 742 | 2270 | 1598 | 388 | 873 | 210 | 456 | 1458 | 991 | 974 | 3049 | 2720 | 15729 |
| Group 3: | | | | | | | | | | | | | |
| Lethbridge | ... | ... | ... | ... | ... | ... | ... | 96 | ... | ... | ... | ... | 96 |
| Total: | 742 | 2270 | 1598 | 388 | 873 | 210 | 456 | 1554 | 991 | 974 | 3049 | 2720 | 15825 |

## PREPARED STOKER

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | ... | ... | 208 | 70 | ... | ... | 56 | ... | ... | ... | ... | ... | 334 |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | 3622 | 901 | 177 | 350 | ... | 409 | 289 | 280 | 626 | 1300 | 1303 | 1801 | 11058 |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 3622 | 901 | 385 | 420 | ... | 409 | 345 | 280 | 626 | 1300 | 1303 | 1801 | 11392 |
| | | | | | | NUT-SLACK | | | | | | | |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | ... | 553 | 353 | 188 | 219 | 144 | 145 | 73 | 147 | 146 | 394 | 283 | 2645 |
| Total: | ... | 553 | 353 | 188 | 219 | 144 | 145 | 73 | 147 | 146 | 394 | 283 | 2645 |
| | | | | | | SLACK COAL | | | | | | | |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

Total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in UNITED STATES:
LUMP COAL

500 2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Drumheller | ... | 90 | ... | ... | ... | ... | ... | ... | 491 | ... | 40 | 16 | 637 |
| Group 5: | | | | | | | | | | | | | |
| Castor | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 76 | 76 |
| Total: | ... | 90 | ... | ... | ... | ... | ... | ... | 491 | ... | 40 | 92 | 713 |
| | | | | | | NUT COAL | | | | | | | |
| Group 4: | | | | | | | | | | | | | |
| Drumheller | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 25 | 25 |
| Total: | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 25 | 25 |
| | | | | | | PREPARED STOKER | | | | | | | |
| Group 4: | | | | | | | | | | | | | |
| Drumheller | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 5: | | | | | | | | | | | | | |
| Camrose | ... | ... | ... | ... | ... | ... | ... | ... | ... | 41 | ... | ... | 41 |
| Total: | ... | ... | ... | ... | ... | ... | ... | ... | ... | 41 | ... | ... | 41 |
| | | | | | | NUT-SLACK | | | | | | | |
| Group 5: | | | | | | | | | | | | | |
| Camrose | ... | 46 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 46 |
| Total: | ... | 46 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 46 |

Amount of Bituminous Coal used under Colliery Boilers by areas during each month:

500·2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | 695 | 663 | 682 | 473 | 283 | 392 | 70 | 348 | 342 | 610 | 711 | 982 | 6251 |
| Highwood | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nordegg | 440 | ... | 23 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 463 |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | 650 | 560 | 617 | 596 | 614 | 585 | 609 | 607 | 573 | 634 | 594 | 620 | 7259 |
| Mtn. Park | 642 | 755 | 984 | 882 | 810 | 848 | 859 | 856 | 831 | 805 | 795 | 780 | 9847 |
| Oldman | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | 4841 | 3592 | 4308 | 3504 | 3753 | 3194 | 1813 | 3481 | 4039 | 3431 | 3562 | 4038 | 43556 |
| Halcourt | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lethbridge | 376 | 362 | 396 | 118 | 107 | 75 | 70 | 78 | 103 | 168 | 315 | 395 | 2563 |
| Pekisko | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pincher | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pr. Creek | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Saunders | 100 | 127 | 100 | 50 | ... | ... | ... | ... | ... | ... | ... | ... | 377 |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 7744 | 6059 | 7110 | 5623 | 5567 | 5094 | 3421 | 5370 | 5888 | 5648 | 5977 | 6815 | 70316 |

Amount of Sub-Bituminous Coal used under Colliery Boilers by areas during each month:

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Carbon | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drumheller | 416 | 416 | 359 | 128 | 119 | 101 | 77 | 105 | 121 | 175 | 322 | 367 | 2706 |
| Edmonton | 18 | 18 | 19 | 14 | 21 | 10 | ... | 5 | 22 | 20 | 30 | 36 | 213 |
| Group 5: | | | | | | | | | | | | | |
| Tofield | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 434 | 434 | 378 | 142 | 140 | 111 | 77 | 110 | 143 | 195 | 352 | 403 | 2919 |

Amount of Bituminous Coal used by Colliery Railroads by areas during each month:

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | 74 | 64 | 88 | 59 | 69 | 69 | 34 | 69 | 64 | 103 | 142 | 171 | 1006 |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 180 |
| Total: | 89 | 79 | 103 | 74 | 84 | 84 | 49 | 84 | 79 | 118 | 157 | 186 | 1186 |

Amount of Bituminous Coal used making Briquettes:

500·2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | 7772 | 6301 | 7715 | 2409 | 4334 | 5111 | 2643 | 5514 | 5946 | 8039 | 12348 | 11579 | 79711 |
| Nordegg | 3236 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 3236 |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | 30794 | 21492 | 19554 | 25500 | 24949 | 27163 | 21337 | 20545 | 14508 | 33572 | 40731 | 42048 | 322193 |
| Mtn. Park | 466 | 375 | 1 | 754 | 838 | 525 | 862 | 2317 | 1156 | 526 | 1061 | 1290 | 10171 |
| Total: | 42268 | 28168 | 27270 | 28663 | 30121 | 32799 | 24842 | 28376 | 21610 | 42137 | 54140 | 54917 | 415311 |
| Amount of Bituminous Coal used making Coke: | | | | | | | | | | | | | |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Amount of Sub-Bituminous Coal used making Fabricoal: | | | | | | | | | | | | | |
| Group 4: | | | | | | | | | | | | | |
| Big Valley | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

Amount of Bituminous Coal put to Stock by areas during each month:

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | 9161 | 7179 | 6212 | 7996 | 10435 | 14498 | 10700 | 11459 | 9896 | 8308 | 2438 | 626 | 98908 |
| Nordegg | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | 45104 | 50030 | 67127 | 69924 | 80020 | 87572 | 94692 | 106293 | 102266 | 120014 | 117532 | 123525 | 1064099 |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | 5452 | 5239 | 3461 | 4594 | 3839 | 5447 | 866 | 8242 | 2176 | 1371 | 566 | 76 | 41329 |
| Lethbridge | 885 | 142 | 516 | 206 | 474 | 528 | 418 | 549 | 482 | 299 | 389 | 708 | 5596 |
| Pincher | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pr. Creek | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Saunders | ... | 69 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 69 |
| Total: | 60602 | 62659 | 77316 | 82720 | 94768 | 108045 | 106676 | 126543 | 114820 | 129992 | 120925 | 124935 | 1210001 |

Amount of Sub-Bituminous Coal put to Stock by areas during each month:

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Brooks | 22 | ... | ... | ... | ... | ... | ... | ... | ... | 589 | 803 | 876 | 2290 |
| Drumheller | 1196 | 1375 | 241 | 978 | 916 | 2370 | 1606 | 2070 | 3064 | 2578 | 1834 | 1080 | 19308 |
| Edmonton | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pembina | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Taber | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 5: | | | | | | | | | | | | | |
| Camrose | 18 | 26 | 30 | 2 | 9 | 11 | 5 | 10 | 30 | 48 | 121 | 110 | 420 |
| Castor | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sheerness | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Westlock | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 1236 | 1401 | 271 | 980 | 925 | 2381 | 1611 | 2080 | 3094 | 3215 | 2758 | 2066 | 22018 |

Amount of Bituminous Coal put to Waste by areas during each month:

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | 8598 | 9733 | 10030 | 8415 | 9550 | 8043 | 6822 | 7409 | 18844 | 21358 | 23814 | 22740 | 155356 |
| Mtn. Park | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | 1367 | 1082 | 1247 | 911 | 973 | 854 | 500 | 1295 | 1511 | 1247 | 1404 | 1521 | 13912 |
| Lethbridge | 3 | 3 | ... | 2 | 2 | 2 | 1 | 1 | 2 | 3 | ... | 2 | 21 |
| Pincher | 15 | 5 | 3 | 5 | ... | ... | ... | ... | ... | ... | ... | ... | 28 |
| Pr. Creek | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 9983 | 10823 | 11280 | 9333 | 10525 | 8899 | 7323 | 8705 | 20357 | 22608 | 25218 | 24263 | 169317 |

Amount of Sub-Bituminous Coal put to Waste by areas during each month:

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Ardley | 126 | 46 | 26 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 198 |
| Big Valley | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Brooks | 99 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 99 |
| Carbon | 25 | 25 | 30 | ... | ... | ... | ... | ... | ... | 120 | 110 | ... | 310 |
| Drumheller | 573 | ... | ... | ... | 130 | 454 | ... | ... | ... | ... | 70 | 1693 | 2920 |
| Edmonton | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pembina | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 6 | ... | 6 |
| Taber | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 5: | | | | | | | | | | | | | |
| Castor | 147 | 94 | 95 | 2 | ... | ... | ... | ... | 42 | 219 | 427 | 288 | 1314 |
| Sheerness | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Westlock | ... | 9 | 18 | ... | ... | ... | ... | ... | 5 | 30 | ... | ... | 62 |
| Total: | 970 | 174 | 169 | 2 | 130 | 454 | ... | ... | 47 | 369 | 613 | 1981 | 4909 |

Amount of Bituminous Coal lifted from Stock by areas during each month:

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | 11116 | 9161 | 7179 | 6212 | 7996 | 10435 | 14498 | 10700 | 11459 | 9896 | 8308 | 2438 | 109398 |
| Nordegg | 435 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 435 |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | 39429 | 47973 | 50030 | 64423 | 70753 | 80559 | 87788 | 94692 | 105444 | 106969 | 120184 | 126464 | 994708 |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | 8451 | 7127 | 5548 | 1601 | 329 | ... | 3271 | 471 | 652 | 5745 | 13567 | 11701 | 58463 |
| Lethbridge | 1237 | 881 | 147 | 516 | 206 | 474 | 526 | 418 | 547 | 482 | 299 | 386 | 6119 |
| Saunders | 462 | 132 | 505 | 95 | 105 | 123 | ... | ... | ... | ... | ... | ... | 1422 |
| Total: | 61130 | 65274 | 63409 | 72847 | 79389 | 91591 | 106083 | 106281 | 118102 | 123092 | 142358 | 140989 | 1170545 |

Amount of Sub-Bituminous Coal lifted from Stock by areas during each month:

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Brooks | 652 | 77 | ... | ... | ... | ... | ... | ... | ... | 111 | 461 | 460 | 1761 |
| Drumheller | 1586 | 1962 | 2210 | 231 | 994 | 352 | 3166 | 1486 | 1975 | 3412 | 1362 | 1482 | 20218 |
| Edmonton | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pembina | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 5: | | | | | | | | | | | | | |
| Sheerness | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Westlock | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 2238 | 2039 | 2210 | 231 | 994 | 352 | 3166 | 1486 | 1975 | 3523 | 1823 | 1942 | 21979 |

500-2

Amount of Bituminous Coal lifted from Waste by areas during each month:

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | 2123 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2123 |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lethbridge | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 2123 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2123 |

Amount of Sub-Bituminous Coal lifted from Waste by areas during each month:

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Brooks | ... | 11 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 11 |
| Drumheller | ... | ... | 51 | 48 | 48 | 44 | 40 | 56 | ... | ... | ... | ... | 287 |
| Group 5: | | | | | | | | | | | | | |
| Westlock | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | ... | 11 | 51 | 48 | 48 | 44 | 40 | 56 | ... | ... | ... | ... | 298 |

OUTPUT AND NUMBER OF MINES PRODUCING

| | Under 1,000 Tons | | 1,000 to 5,000 Tons | | 5,000 to 10,000 Tons | | 10,000 to 50,000 Tons | | 50,000 to 100,000 Tons | | 100,000 to 150,000 Tons | | 150,000 to 200,000 Tons | | 200,000 to 300,000 Tons | | Over 300,000 Tons | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kind of Coal | No. | Output | No. | Output | No. | Output | No. | Output | No. | Output | No. | Output | No. | Output | No. | Output | No. | Output | No. | Output |
| Bituminous....... | 10 | 3,368 | 3 | 8,730 | 1 | 5,175 | 2 | 61,963 | 3 | 212,834 | 1 | 102,006 | 1 | 178,335 | 5 | 1,184,974 | 1 | 357,507 | 27 | 2,114,892 |
| Sub-bituminous... | 24 | 7,051 | 25 | 63,011 | 11 | 84,169 | 16 | 438,201 | 6 | 519,213 | 3 | 393,237 | 3 | 511,670 | .. | .... | 1 | 325,134 | 89 | 2,341,686 |
| Total............ | 34 | 10,419 | 28 | 71,741 | 12 | 89,344 | 18 | 500,164 | 9 | 732,047 | 4 | 495,243 | 4 | 690,005 | 5 | 1,184,974 | 2 | 682,641 | 116 | 4,456,578 |

Number of men employed in the BITUMINOUS FIELD as at December 31st, 1955:

| Areas | UNDERGROUND | | | | | | ABOVE GROUND | | | | | | | | STRIPPING | | | GRAND TOTALS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Salaried Employees | Foremen | Miners | Maintenance | Trans-portation | TOTAL UNDER-GROUND | Salaried Employees | Foremen | Maintenance | Trans-portation | Tipple and Shipping | Powerhouse | All other Employees | TOTAL ABOVE GROUND | Salaried Employees | Wage Earners | TOTAL STRIPPING | TOTAL SALARIED EMPLOYEES | TOTAL WAGE EARNERS | GRAND TOTAL |
| Group 1: | | | | | | | | | | | | | | | | | | | | |
| Cascade | 18 | 1 | 74 | 29 | 38 | 160 | 13 | 1 | 13 | 12 | 18 | 26 | 26 | 109 | ... | ... | ... | 31 | 238 | 269 |
| Highwood | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nordegg | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 2: | | | | | | | | | | | | | | | | | | | | |
| Crowsnest | 50 | 9 | 237 | 93 | 104 | 493 | 56 | 4 | 1 | 9 | 182 | 100 | 17 | 369 | 13 | 225 | 238 | 119 | 981 | 1100 |
| Mtn. Park | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 7 | 78 | 85 | 7 | 78 | 85 |
| Oldman | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 3: | | | | | | | | | | | | | | | | | | | | |
| Coalspur | 22 | 4 | 146 | 34 | 44 | 250 | 22 | 4 | 4 | 6 | 59 | 42 | 6 | 143 | ... | ... | ... | 44 | 349 | 393 |
| Halcourt | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | ... | 1 | 1 |
| Lethbridge | 3 | 21 | 212 | 28 | 92 | 356 | 30 | ... | ... | 10 | 50 | 22 | 17 | 129 | ... | ... | ... | 33 | 452 | 485 |
| Pekisko | ... | 1 | 6 | ... | 1 | 8 | ... | ... | ... | 1 | 1 | ... | ... | 2 | ... | ... | ... | ... | 10 | 10 |
| Pincher | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Prairie Creek | 1 | ... | 2 | ... | ... | 3 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 2 | 3 |
| Saunders | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 94 | 36 | 677 | 184 | 279 | 1270 | 121 | 9 | 18 | 38 | 310 | 190 | 66 | 752 | 20 | 304 | 324 | 235 | 2111 | 2346 |

Number of men employed in the SUB-BITUMINOUS FIELD as at December 31st, 1955:

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | | | | | | | | |
| Ardley | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 5 | 35 | 40 | 5 | 35 | 40 |
| Big Valley | ... | 1 | 3 | ... | 1 | 5 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | ... | 6 | 6 |
| Brooks | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 14 | 36 | 50 | 14 | 36 | 50 |
| Carbon | 4 | 2 | 27 | 3 | 3 | 39 | 1 | ... | ... | 1 | 3 | ... | 1 | 6 | 2 | 14 | 16 | 7 | 54 | 61 |
| Champion | 2 | ... | 15 | ... | ... | 17 | ... | ... | ... | 1 | ... | ... | ... | 1 | ... | ... | ... | 2 | 16 | 18 |
| Drumheller | 25 | 74 | 675 | 131 | 163 | 1068 | 49 | 8 | 4 | 20 | 124 | 33 | 22 | 260 | ... | 3 | 3 | 74 | 1257 | 1331 |
| Edmonton | 9 | 2 | 85 | 6 | 21 | 123 | 9 | 2 | ... | 5 | 4 | 2 | 6 | 28 | 17 | 43 | 60 | 35 | 176 | 211 |
| Gleichen | 2 | 6 | ... | 7 | 2 | 17 | 1 | ... | ... | ... | 1 | ... | ... | 2 | ... | ... | ... | 3 | 16 | 19 |
| Pembina | 2 | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | 4 | 103 | 107 | 6 | 103 | 109 |
| Taber | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 8 | 30 | 38 | 8 | 30 | 38 |
| Wetaskiwin | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Whitecourt | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 5: | | | | | | | | | | | | | | | | | | | | |
| Camrose | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 8 | 37 | 45 | 8 | 37 | 45 |
| Castor | 3 | 5 | 8 | 2 | 1 | 19 | 1 | ... | ... | ... | ... | ... | ... | 1 | 12 | 107 | 119 | 16 | 123 | 139 |
| Pakowki | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Redcliff | 1 | ... | 6 | 3 | 4 | 14 | ... | ... | ... | ... | 1 | ... | ... | 1 | ... | ... | ... | 1 | 14 | 15 |
| Sheerness | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 13 | 31 | 44 | 13 | 31 | 44 |
| Tofield | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 13 | 19 | 32 | 13 | 19 | 32 |
| Westlock | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 | 7 | 9 | 2 | 7 | 9 |
| Total: | 48 | 90 | 819 | 152 | 195 | 1304 | 61 | 10 | 4 | 27 | 133 | 35 | 29 | 299 | 98 | 466 | 564 | 207 | 1960 | 2167 |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bituminous Field | 94 | 36 | 677 | 184 | 279 | 1270 | 121 | 9 | 18 | 38 | 310 | 190 | 66 | 752 | 20 | 304 | 324 | 235 | 2111 | 2346 |
| S.Bituminous Field | 48 | 90 | 819 | 152 | 195 | 1304 | 61 | 10 | 4 | 27 | 133 | 35 | 29 | 299 | 98 | 466 | 564 | 207 | 1960 | 2167 |
| **Total:** | 142 | 126 | 1496 | 336 | 474 | 2574 | 182 | 19 | 22 | 65 | 443 | 225 | 95 | 1051 | 118 | 770 | 888 | 442 | 4071 | 4513 |

Men Employed above and below ground in the BITUMINOUS FIELD by areas during each month:

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | 317 | 310 | 294 | 287 | 276 | 269 | 262 | 256 | 253 | 252 | 263 | 269 | 273 |
| Highwood | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nordegg | 133 | ... | 3 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 15 |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | 1171 | 1167 | 1172 | 1149 | 1016 | 986 | 951 | 941 | 888 | 875 | 997 | 1100 | 1030 |
| Mtn. Park | 75 | 83 | 94 | 97 | 94 | 86 | 92 | 92 | 87 | 84 | 86 | 85 | 87 |
| Oldman | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | 468 | 461 | 458 | 447 | 436 | 432 | 385 | 429 | 432 | 396 | 389 | 393 | 425 |
| Halcourt | 2 | 2 | 1 | ... | ... | ... | ... | ... | ... | ... | 2 | 1 | 3 |
| Lethbridge | 452 | 287 | 270 | 235 | 218 | 222 | 230 | 261 | 295 | 368 | 433 | 485 | 313 |
| Pekisko | 11 | 10 | 9 | 7 | 2 | 3 | ... | 6 | 7 | 8 | 9 | 10 | 7 |
| Pincher | 3 | 3 | 2 | 2 | ... | ... | ... | ... | ... | ... | ... | ... | 3 |
| Pr. Creek | ... | ... | 16 | ... | ... | ... | ... | ... | ... | ... | ... | 3 | 3 |
| Saunders | 59 | 43 | 11 | 5 | 3 | 1 | ... | ... | ... | ... | ... | ... | 10 |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 2691 | 2366 | 2330 | 2229 | 2045 | 1999 | 1920 | 1985 | 1962 | 1983 | 2179 | 2346 | 2169 |

Men Employed above and below ground in the SUB-BITUMINOUS FIELD by areas during each month:

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Ardley | 26 | 21 | 18 | 3 | 4 | 6 | 7 | 7 | 10 | 21 | 48 | 40 | 17 |
| Big Valley | 4 | 4 | 4 | ... | ... | ... | ... | ... | ... | 3 | 5 | 6 | 5 |
| Brooks | 40 | 24 | 21 | 12 | 14 | 14 | 12 | ... | 39 | 43 | 46 | 50 | 26 |
| Carbon | 54 | 49 | 49 | 25 | 26 | 22 | 22 | 24 | 48 | 59 | 66 | 61 | 42 |
| Champion | 14 | 14 | 12 | 8 | 8 | 8 | 8 | 8 | 10 | 15 | 16 | 18 | 11 |
| Drumheller | 1445 | 1381 | 1216 | 833 | 898 | 895 | 872 | 1026 | 1182 | 1247 | 1327 | 1331 | 1137 |
| Edmonton | 188 | 146 | 149 | 69 | 77 | 68 | 60 | 80 | 130 | 172 | 216 | 211 | 128 |
| Gleichen | 40 | 37 | 26 | 19 | 13 | 18 | 9 | 21 | 15 | 19 | 19 | 19 | 20 |
| Pembina | 67 | 61 | 61 | 28 | 25 | 29 | 28 | 32 | 39 | 52 | 64 | 109 | 51 |
| Taber | 21 | 18 | 10 | 9 | 5 | ... | ... | 29 | 13 | 21 | 36 | 38 | 17 |
| Wetaskiwin | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Whitecourt | 3 | 3 | 1 | ... | ... | ... | ... | ... | ... | ... | 2 | ... | 1 |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 5: | | | | | | | | | | | | | |
| Camrose | 29 | 26 | 26 | 14 | 12 | 12 | 12 | 13 | 21 | 25 | 35 | 45 | 22 |
| Castor | 114 | 97 | 82 | 55 | 48 | 51 | 53 | 54 | 89 | 97 | 135 | 139 | 85 |
| Pakowki | 1 | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| Redcliff | 8 | 5 | 4 | 3 | 3 | ... | 3 | 4 | 10 | 14 | 19 | 15 | 7 |
| Sheerness | 46 | 44 | 41 | 31 | 28 | 28 | 27 | 29 | 42 | 48 | 46 | 44 | 38 |
| Tofield | 29 | 27 | 25 | 14 | 13 | ... | ... | ... | 19 | 29 | 35 | 32 | 19 |
| Westlock | 7 | 7 | 7 | 4 | 3 | ... | ... | 5 | 6 | 6 | 9 | 9 | 5 |
| Total: | 2136 | 1965 | 1753 | 1127 | 1177 | 1151 | 1113 | 1332 | 1673 | 1871 | 2124 | 2167 | 1632 |
| Bituminous | 2691 | 2366 | 2330 | 2229 | 2045 | 1999 | 1920 | 1985 | 1962 | 1983 | 2179 | 2346 | 2169 |
| S.Bituminous | 2136 | 1965 | 1753 | 1127 | 1177 | 1151 | 1113 | 1332 | 1673 | 1871 | 2124 | 2167 | 1632 |
| Total: | 4827 | 4331 | 4083 | 3356 | 3222 | 3150 | 3033 | 3317 | 3635 | 3854 | 4303 | 4513 | 3801 |

PER CAPITA PRODUCTION OF MINES IN THE PROVINCE:

| Year | Gross Tons of coal mined | Total Average No. of men employed | Tons of coal mined per man employed | Average No. of employed men underground | Tons of coal mined per man employed underground |
|---|---|---|---|---|---|
| 1906...... | 1,385,000 | 2,800 | 494 | 2,000 | 692 |
| 1907...... | 1,834,745 | 3,600 | 509 | 2,700 | 679 |
| 1908...... | 1,845,000 | 3,780 | 488 | 2,681 | 688 |
| 1909...... | 2,174,329 | 5,207 | 417 | 3,893 | 566 |
| 1910...... | 3,036,757 | 5,818 | 504 | 4,090 | 742 |
| 1911...... | 1,694,564 | 6,689 | 253 | 4,517 | 375 |
| 1912...... | 3,446,349 | 6,661 | 517 | 4,861 | 708 |
| 1913...... | 4,306,346 | 8,068 | 533 | 5,837 | 737 |
| 1914...... | 3,821,739 | 8,170 | 467 | 6,052 | 631 |
| 1915...... | 3,434,891 | 6,445 | 532 | 4,493 | 764 |
| 1916...... | 4,648,604 | 7,570 | 614 | 5,536 | 839 |
| 1917...... | 4,863,414 | 8,310 | 595 | 6,047 | 804 |
| 1918...... | 6,148,620 | 8,818 | 697 | 6,141 | 1,001 |
| 1919...... | 5,022,412 | 7,573 | 663 | 5,150 | 958 |
| 1920...... | 6,908,923 | 9,688 | 712 | 6,551 | 1,055 |
| 1921...... | 5,937,195 | 10,018 | 592 | 7,203 | 824 |
| 1922...... | 5,976,432 | 8,747 | 683 | 6,154 | 971 |
| 1923...... | 6,866,923 | 9,927 | 687 | 7,249 | 893 |
| 1924...... | 5,202,713 | 7,317 | 711 | 5,299 | 982 |
| 1925...... | 5,883,394 | 8,774 | 670 | 6,498 | 834 |
| 1926...... | 6,508,908 | 8,763 | 743 | 6,569 | 991 |
| 1927...... | 6,936,780 | 9,016 | 768 | 6,681 | 970 |
| 1928...... | 7,334,179 | 9,496 | 772 | 6,625 | 1,107 |
| 1929...... | 7,147,250 | 9,572 | 747 | 7,115 | 1,004 |
| 1930...... | 5,755,911 | 8,889 | 648 | 6,607 | 871 |
| 1931...... | 4,563,309 | 8,070 | 577 | 5,969 | 701 |
| 1932...... | 4,867,984 | 7,837 | 621 | 5,772 | 844 |
| 1933...... | 4,714,784 | 8,042 | 586 | 5,937 | 794 |
| 1934...... | 4,748,848 | 7,863 | 604 | 5,809 | 744 |
| 1935...... | 5,462,973 | 7,800 | 700 | 5,644 | 969 |
| 1936...... | 5,696,375 | 8,110 | 702 | 5,940 | 959 |
| 1937...... | 5,551,682 | 7,836 | 708 | 5,806 | 956 |
| 1938...... | 5,230,015 | 7,411 | 706 | 5,427 | 965 |
| 1939...... | 5,518,105 | 7,456 | 740 | 5,517 | 1,000 |
| 1940...... | 6,205,088 | 7,416 | 836 | 5,526 | 1,122 |
| 1941...... | 6,970,064 | 7,714 | 903 | 6,916 | 1,007 |
| 1942...... | 7,754,279 | 8,040 | 964 | 5,865 | 1,322 |
| 1943...... | 7,677,982 | 8,636 | 889 | 6,197 | 1,160x |
| 1944...... | 7,427,433 | 8,375 | 887 | 6,867 | 1,135x |
| 1945...... | 7,801,248 | 8,309 | 939 | 5,752 | 1,298x |
| 1946...... | 8,824,455 | 8,583 | 1,028 | 6,987 | 1,187x |
| 1947...... | 8,074,596 | 8,772 | 920 | 6,090 | 1,017x |
| 1948...... | 8,111,013 | 8,865 | 915 | 5,702 | 946x |
| 1949...... | 8,616,983 | 8,682 | 993 | 5,534 | 1,025x |
| 1950...... | 8,118,206 | 7,999 | 1,015 | 4,990 | 1,006x |
| 1951...... | 7,661,276 | 7,339 | 1,044 | 4,457 | 1,084x |
| 1952...... | 7,194,472 | 6,936 | 1,037 | 4,211 | 1,070x |
| 1953...... | 5,917,423 | 5,760 | 1,027 | 3,386 | 998x |
| 1954...... | 4,859,136 | 4,719 | 1,030 | 2,733 | 999x |
| 1955...... | 4,456,578 | 3,801 | 1,172 | 2,198 | 1,070x |

x See note over page.

## BITUMINOUS COAL FIELD

| Year | Gross tons of coal | Total Average No. of men employed | Tons of coal mined per man employed | Average No. of men employed underground | Tons of coal mined per man employed underground |
|---|---|---|---|---|---|
| 1910 | 1,896,961 | 2,981 | 636 | 2,076 | 914 |
| 1911 | 649,745 | 2,645 | 246 | 1,820 | 357 |
| 1912 | 1,926,371 | 3,243 | 594 | 2,353 | 818 |
| 1913 | 2,374,401 | 3,562 | 666 | 2,645 | 897 |
| 1914 | 1,953,367 | 3,529 | 553 | 2,632 | 742 |
| 1915 | 1,626,237 | 2,921 | 557 | 2,103 | 773 |
| 1916 | 2,335,259 | 3,142 | 743 | 2,258 | 1,034 |
| 1917 | 2,206,868 | 3,335 | 661 | 2,429 | 909 |
| 1918 | 2,982,334 | 3,636 | 820 | 2,597 | 1,109 |
| 1919 | 2,325,787 | 3,118 | 745 | 2,100 | 1,108 |
| 1920 | 3,419,021 | 4,228 | 809 | 2,711 | 1,202 |
| 1921 | 2,897,380 | 4,133 | 701 | 2,820 | 1,026 |
| 1922 | 2,214,273 | 3,034 | 730 | 2,084 | 1,062 |
| 1923 | 3,241,614 | 4,345 | 746 | 3,215 | 1,008 |
| 1924 | 1,515,107 | 2,171 | 698 | 1,574 | 966 |
| 1925 | 2,145,200 | 3,277 | 654 | 2,422 | 885 |
| 1926 | 2,858,508 | 3,375 | 847 | 2,550 | 1,121 |
| 1927 | 2,984,419 | 3,682 | 810 | 2,757 | 1,082 |
| 1928 | 3,215,481 | 3,862 | 832 | 2,468 | 1,302 |
| 1929 | 3,093,393 | 3,880 | 797 | 2,898 | 1,077 |
| 1930 | 2,278,490 | 3,341 | 682 | 2,461 | 926 |
| 1931 | 1,846,357 | 3,023 | 611 | 2,214 | 834 |
| 1932 | 1,733,720 | 2,621 | 660 | 1,892 | 916 |
| 1933 | 1,726,596 | 2,876 | 600 | 2,080 | 830 |
| 1934 | 1,915,740 | 2,934 | 653 | 2,113 | 907 |
| 1935 | 2,248,625 | 3,096 | 726 | 2,248 | 1,000 |
| 1936 | 2,288,658 | 3,184 | 719 | 2,337 | 979 |
| 1937 | 2,414,003 | 3,156 | 765 | 2,295 | 1,052 |
| 1938 | 2,287,840 | 3,131 | 731 | 2,254 | 1,015 |
| 1939 | 2,556,801 | 3,111 | 822 | 2,297 | 1,113 |
| 1940 | 3,069,197 | 3,155 | 972 | 2,354 | 1,303 |
| 1941 | 3,671,357 | 3,568 | 1,029 | 2,659 | 1,381 |
| 1942 | 3,807,619 | 3,766 | 1,008 | 2,746 | 1,387 |
| 1943 | 3,469,993 | 3,740 | 927 | 2,665 | 1,302 |
| 1944 Stp. Pit | 119,092 | 35 | 3,403 | ..... | ..... |
| B. Ground | 3,432,113 | 3,762 | 935 | 2,655 | 1,293 |
| 1945 Stp. Pit | 491,736 | 209 | 2,364 | ..... | ..... |
| B. Ground | 4,109,027 | 4,825 | 852 | 3,373 | 1,218 |
| 1946 Stp. Pit | 991,335 | 332 | 2,986 | ..... | ..... |
| B. Ground | 4,398,261 | 4,869 | 903 | 3,384 | 1,300 |
| 1947 Stp. Pit | 1,170,875 | 405 | 2,891 | ..... | ..... |
| B. Ground | 3,666,501 | 4,845 | 757 | 3,231 | 1,135 |
| 1948 Stp. Pit | 1,709,039 | 552 | 3,096 | ..... | ..... |
| B. Ground | 3,211,757 | 4,918 | 653 | 3,258 | 986 |
| 1949 Stp. Pit | 1,914,463 | 630 | 3,039 | ..... | ..... |
| B. Ground | 3,580,864 | 4,801 | 746 | 3,237 | 1,106 |
| 1950 Stp. Pit | 1,865,120 | 588 | 3,172 | ..... | ..... |
| B. Ground | 2,927,900 | 4,440 | 659 | 2,948 | 993 |
| 1951 Stp. Pit | 1,708,256 | 634 | 2,691 | ..... | ..... |
| B. Ground | 2,951,033 | 4,054 | 728 | 2,661 | 1,109 |
| 1952 Stp. Pit | 1,455,453 | 532 | 2,736 | ..... | ..... |
| B. Ground | 2,923,169 | 4,044 | 723 | 2,668 | 1,095 |
| 1953 Stp. Pit | 1,288,118 | 408 | 3,157 | ..... | ..... |
| B. Ground | 2,229,381 | 3,533 | 631 | 2,228 | 1,001 |
| 1954 Stp. Pit | 851,381 | 376 | 2,264 | ..... | ..... |
| B. Ground | 1,550,804 | 2,544 | 610 | 1,569 | 988 |
| 1955 Stp. Pit | 806,705 | 299 | 2,698 | ..... | ..... |
| B. Ground | 1,308,187 | 1,870 | 700 | 1,153 | 1,135 |

PER CAPITA PRODUCTION OF MINES IN THE SUB-BITUMINOUS COAL FIELD

| Year | Gross tons of coal mined | Total Average No. of men employed | Tons of coal mined per man employed | Average No. of men employed underground | Tons of coal mined per man employed underground |
|---|---|---|---|---|---|
| 1922-Stp. Pit | 367,514 | 217 | 1,693 | .... | .... |
| B. Ground | 267,559 | 403 | 664 | 277 | 966 |
| 1923-Stp. Pit | 288,467 | 190 | 1,513 | .... | .... |
| B. Ground | 174,994 | 354 | 494 | 260 | 673 |
| 1924-Stp. Pit | 369,724 | 211 | 1,752 | .... | .... |
| B. Ground | 222,222 | 393 | 565 | 278 | 799 |
| 1925-Stp. Pit | 335,993 | 162 | 2,074 | .... | .... |
| B. Ground | 245,842 | 461 | 533 | 326 | 754 |
| 1926-Stp. Pit | 258,964 | 147 | 1,761 | .... | .... |
| B. Ground | 231,407 | 443 | 545 | 305 | 758 |
| 1927-Stp. Pit | 304,584 | 193 | 1,583 | .... | .... |
| B. Ground | 290,606 | 478 | 608 | 321 | 905 |
| 1928-Stp. Pit | 394,682 | 179 | 2,205 | .... | .... |
| B. Ground | 345,810 | 645 | 536 | 457 | 756 |
| 1929-Stp. Pit | 319,764 | 163 | 1,962 | .... | .... |
| B. Ground | 348,344 | 585 | 595 | 402 | 866 |
| 1930-Stp. Pit | 304,144 | 157 | 1,937 | .... | .... |
| B. Ground | 299,187 | 569 | 526 | 390 | 767 |
| 1931-Stp. Pit | 280,251 | 161 | 1,803 | .... | .... |
| B. Ground | 191,138 | 486 | 393 | 336 | 569 |
| 1932-Stp. Pit | 348,266 | 177 | 1,968 | .... | .... |
| B. Ground | 211,213 | 491 | 430 | 341 | 619 |
| 1933-Stp. Pit | 309,365 | 170 | 1,820 | .... | .... |
| B. Ground | 244,776 | 516 | 474 | 370 | 661 |
| 1934-Stp. Pit | 302,054 | 158 | 1,912 | .... | .... |
| B. Ground | 235,488 | 482 | 489 | 326 | 722 |
| 1935-Stp. Pit | 287,970 | 180 | 1,600 | .... | .... |
| B. Ground | 278,466 | 501 | 830 | 337 | 826 |
| 1936-Stp. Pit | 263,899 | 175 | 1,508 | .... | .... |
| B. Ground | 302,587 | 532 | 569 | 360 | 841 |
| 1937-Stp. Pit | 229,747 | 149 | 1,542 | .... | .... |
| B. Ground | 276,782 | 504 | 549 | 348 | 795 |
| 1938-Stp. Pit | 227,317 | 148 | 1,536 | .... | .... |
| B. Ground | 261,595 | 633 | 772 | 327 | 800x |
| 1939-Stp. Pit | 246,459 | 142 | 1,735 | .... | .... |
| B. Ground | 265,646 | 494 | 538 | 320 | 830x |
| 1940-Stp. Pit | 318,425 | 241 | 1,321 | .... | .... |
| B. Ground | 280,261 | 393 | 713 | 328 | 854x |
| 1941-Stp. Pit | 320,801 | 272 | 1,179 | .... | .... |
| B. Ground | 264,652 | 284 | 689 | 248 | 1,069x |
| 1942-Stp. Pit | 332,748 | 191 | 1,742 | .... | .... |
| B. Ground | 400,799 | 521 | 769 | 342 | 1,172x |
| 1943-Stp. Pit | 351,890 | 360 | 967 | .... | .... |
| B. Ground | 440,062 | 442 | 996 | 399 | 1,102x |
| 1944-Stp. Pit | 280,420 | 161 | 1,742 | .... | .... |
| B. Ground | 449,007 | 589 | 973 | 386 | 1,163x |
| 1945-Stp. Pit | 833,129 | 330 | 2,525 | .... | .... |
| B. Ground | 2,367,356 | 2,915 | 812 | 2,379 | 991x |
| 1946-Stp. Pit | 831,505 | 316 | 2,631 | .... | .... |
| B. Ground | 2,603,354 | 3,066 | 849 | 2,513 | 1,036x |
| 1947-Stp. Pit | 709,704 | 339 | 2,094 | .... | .... |
| B. Ground | 2,527,516 | 3,183 | 794 | 2,859 | 884x |
| 1948-Stp. Pit | 1,007,042 | 385 | 2,616 | .... | .... |
| B. Ground | 2,183,175 | 3,010 | 725 | 2,444 | 893x |
| 1949-Stp. Pit | 1,027,493 | 432 | 2,378 | .... | .... |
| B. Ground | 2,094,163 | 2,819 | 743 | 2,297 | 912x |
| 1950-Stp. Pit | 1,233,234 | 466 | 2,646 | .... | .... |
| B. Ground | 2,091,952 | 2,505 | 835 | 2,042 | 1,024x |
| 1951-Stp. Pit | 1,120,858 | 447 | 2,507 | .... | .... |
| B. Ground | 1,881,129 | 2,204 | 854 | 1,796 | 1,047x |
| 1952-Stp. Pit | 1,233,056 | 454 | 2,716 | .... | .... |
| B. Ground | 1,582,794 | 1,906 | 830 | 1,543 | 1,026x |
| 1953-Stp. Pit | 1,247,075 | 365 | 3,417 | .... | .... |
| B. Ground | 1,152,849 | 1,454 | 793 | 1,158 | 996x |
| 1954-Stp. Pit | 1,278,186 | 356 | 3,590 | .... | .... |
| B. Ground | 1,178,765 | 1,443 | 817 | 1,164 | 1,013x |
| 1955-Stp. Pit | 1,297,530 | 323 | 4,002 | .... | .... |
| B. Ground | 1,044,156 | 1,309 | 798 | 1,045 | 999x |

X See Note

## PER CAPITA PRODUCTION OF MINES IN THE DOMESTIC COAL FIELD

| Year | Gross tons of coal mined | Total Average No. of men employed | Tons of coal mined per man employed | Average No. of men employed underground | Tons of coal mined per man employed underground |
|---|---|---|---|---|---|
| 1910 | 878,011 | 2,307 | 380 | 1,676 | 524 |
| 1911 | 964,700 | 3,548 | 271 | 2,488 | 391 |
| 1912 | 1,341,389 | 2,980 | 450 | 2,283 | 587 |
| 1913 | 1,763,225 | 4,017 | 438 | 2,929 | 601 |
| 1914 | 1,697,401 | 4,219 | 402 | 3,190 | 532 |
| 1915 | 1,682,922 | 3,181 | 529 | 2,210 | 761 |
| 1916 | 2,172,801 | 4,132 | 525 | 3,137 | 692 |
| 1917 | 2,537,829 | 4,701 | 539 | 3,489 | 727 |
| 1918 | 3,035,061 | 4,896 | 619 | 3,420 | 887 |
| 1919 | 2,611,009 | 4,226 | 617 | 2,953 | 884 |
| 1920 | 3,359,309 | 5,173 | 647 | 3,723 | 902 |
| 1921 | 2,943,141 | 5,601 | 525 | 4,256 | 691 |
| 1922 | 3,086,669 | 4,981 | 620 | 3,752 | 823 |
| 1923 | 3,161,741 | 4,969 | 636 | 3,765 | 812 |
| 1924 | 3,096,660 | 4,543 | 681 | 3,447 | 898 |
| 1925 | 3,156,359 | 4,874 | 647 | 3,750 | 808 |
| 1926 | 3,160,029 | 4,798 | 658 | 3,714 | 816 |
| 1927 | 3,357,171 | 4,663 | 720 | 3,603 | 891 |
| 1928 | 3,378,200 | 4,810 | 702 | 3,700 | 873 |
| 1929 | 3,385,749 | 4,944 | 685 | 3,813 | 880 |
| 1930 | 2,874,090 | 4,822 | 596 | 3,756 | 765 |
| 1931 | 2,245,563 | 4,400 | 501 | 3,419 | 628 |
| 1932 | 2,574,785 | 4,548 | 566 | 3,539 | 728 |
| 1933 | 2,434,047 | 4,480 | 543 | 3,487 | 698 |
| 1934 | 2,295,566 | 4,289 | 535 | 3,370 | 644 |
| 1935 Stp. Pit | 130,084 | 96 | 1,355 | ..... | ..... |
| B. Ground | 2,517,828 | 3,927 | 658 | 3,058 | 823 |
| 1936 Stp. Pit | 80,111 | 107 | 749 | ..... | ..... |
| B. Ground | 2,761,120 | 4,112 | 671 | 3,243 | 851 |
| 1937 Stp. Pit | 80,116 | 79 | 1,014 | ..... | ..... |
| B. Ground | 2,551,034 | 3,148 | 810 | 3,162 | 832 |
| 1938 Stp. Pit | 72,829 | 74 | 945 | ..... | ..... |
| B. Ground | 2,380,434 | 3,573 | 667 | 2,846 | 801x |
| 1939 Stp. Pit | 76,394 | 73 | 1,048 | ..... | ..... |
| B. Ground | 2,372,805 | 3,636 | 653 | 2,900 | 818x |
| 1940 Stp. Pit | 74,021 | 71 | 1,042 | ..... | ..... |
| B. Ground | 2,463,184 | 3,556 | 692 | 2,844 | 866x |
| 1941 Stp. Pit | 88,142 | 63 | 1,399 | ..... | ..... |
| B. Ground | 2,625,112 | 3,427 | 766 | 2,745 | 956x |
| 1942 Stp. Pit | 119,615 | 67 | 1,785 | ..... | ..... |
| B. Ground | 3,093,498 | 3,485 | 888 | 2,777 | 1,114x |
| 1943 Stp. Pit | 137,307 | 78 | 1,760 | ..... | ..... |
| B. Ground | 3,278,730 | 4,016 | 816 | 3,133 | 1,046x |
| 1944 Stp. Pit | 366,862 | 263 | 1,395 | ..... | ..... |
| B. Ground | 2,779,939 | 3,565 | 882 | 2,826 | 984x |

x See note over page

Note: Alberta Coals have been re-classified and Domestic Coal is now included in the new headings "Bituminous" and "Sub-Bituminous."

## ANTHRACITE COAL FIELD

| | | | | | |
|---|---|---|---|---|---|
| 1910 | 261,765 | 530 | 493 | 338 | 774 |
| 1911 | 80,119 | 500 | 160 | 209 | 383 |
| 1912 | 178,589 | 438 | 407 | 225 | 793 |
| 1913 | 168,720 | 489 | 345 | 263 | 641 |
| 1914 | 170,971 | 422 | 405 | 230 | 743 |
| 1915 | 125,732 | 343 | 366 | 180 | 698 |
| 1916 | 140,544 | 296 | 474 | 141 | 996 |
| 1917 | 118,717 | 284 | 418 | 129 | 920 |
| 1918 | 131,225 | 286 | 458 | 124 | 1,058 |
| 1919 | 85,616 | 229 | 374 | 95 | 901 |
| 1920 | 130,594 | 287 | 455 | 117 | 1,116 |
| 1921 | 96,674 | 284 | 341 | 127 | 761 |
| 1922 | 40,417 | 112 | 361 | 41 | 986 |
| 1923 | 107 | 69 | 1 | 9 | 12 |

NOTE: The table showing the number of men employed in the Anthracite Coal Field includes employees at the briquetting plant. There has been no Anthracite Coal produced since 1923.

X Calculating the total per capita production for men employed underground, the tonnage mined from stripping pits was deducted and only the tonnage produced from the mines was used.

It will also be noted that the tonnage used in the above and following tables does not include tonnage extracted under Permit.

NOTE: Previous to 1944 there was no coal mined in the Bituminous Field by Stripping Methods.

## PER CAPITA PRODUCTION OF MINES BY AREAS:

## BITUMINOUS COAL FIELD

| Areas | Strip and Underground Mining | | | | | Strip Mining | | | | | Underground Mining | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Gross tons of coal mined | Total Average No. of men employed | Tons of coal mined per man employed | Total No. of Man-shifts | Tons of coal mined per eight-hour man shift | Gross tons of coal mined | Total Average No. of men employed | Tons of coal mined per man employed | Total No. of Man-shifts | Tons of coal mined per eight-hour man-shift | Gross tons of coal mined | Total Average No. of men employed | Tons of coal mined per man employed | Total No. of Man-shifts | Tons of coal mined per eight-hour man-shift |
| Group 1: | | | | | | | | | | | | | | | |
| Cascade.......... | 201513 | 273 | 738 | 57915 | 3.48 | ..... | ..... | ..... | ..... | ..... | 201513 | 273 | 738 | 57915 | 3.48 |
| Nordegg.......... | 3396 | 15 | 226 | 934 | 3.63 | 108 | 2 | 54 | 9 | 12.00 | 3288 | 13 | 253 | 925 | 3.55 |
| Group 2: | | | | | | | | | | | | | | | |
| Crowsnest........ | 1156119 | 1030 | 1122 | 207739 | 5.57 | 561383 | 176 | 3190 | 40133 | 13.99 | 594736 | 854 | 696 | 167606 | 3.50 |
| Mountain Park..... | 178335 | 87 | 2050 | 22791 | 7.82 | 178335 | 87 | 2050 | 22791 | 7.82 | ..... | ..... | ..... | ..... | ..... |
| Group 3: | | | | | | | | | | | | | | | |
| Coalspur.......... | 405104 | 425 | 953 | 94747 | 4.28 | 65818 | 31 | 2123 | 8856 | 7.43 | 339286 | 394 | 861 | 85891 | 3.95 |
| Halcourt.......... | 960 | 3 | 320 | 101 | 9.50 | 940 | 2 | 470 | 83 | 11.33 | 20 | 1 | 20 | 18 | 1.11 |
| Lethbridge........ | 161553 | 313 | 516 | 55634 | 2.90 | 121 | 1 | 121 | 17 | 7.12 | 161432 | 312 | 517 | 55617 | 2.90 |
| Pekisko........... | 5175 | 7 | 739 | 1474 | 3.51 | ..... | ..... | ..... | ..... | ..... | 5175 | 7 | 739 | 1474 | 3.51 |
| Pincher........... | 108 | 3 | 36 | 138 | .78 | ..... | ..... | ..... | ..... | ..... | 108 | 3 | 36 | 138 | .78 |
| Prairie Creek..... | 419 | 3 | 140 | 100 | 4.19 | ..... | ..... | ..... | ..... | ..... | 419 | 3 | 140 | 100 | 4.19 |
| Saunders.......... | 2210 | 10 | 221 | 1438 | 1.54 | ..... | ..... | ..... | ..... | ..... | 2210 | 10 | 221 | 1438 | 1.54 |
| Total............ | 2114892 | 2169 | 908 | 443011 | 4.77 | 806705 | 299 | 2698 | 71889 | 11.22 | 1308187 | 1870 | 700 | 371122 | 3.52 |

SUB-BITUMINOUS COAL FIELD

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | | | |
| Ardley......... | 63447 | 17 | 3703 | 4715 | 13.46 | 63447 | 17 | 3703 | 4715 | 13.46 | ..... | ..... | ..... | ..... | ..... |
| Big Valley..... | 1745 | 5 | 349 | 449 | 3.89 | 1281 | 2 | 641 | 131 | 9.78 | 464 | 3 | 155 | 318 | 1.46 |
| Brooks......... | 54003 | 26 | 2077 | 6159 | 8.77 | 54003 | 26 | 2077 | 6159 | 8.77 | ..... | ..... | ..... | ..... | ..... |
| Carbon......... | 53086 | 42 | 1264 | 8910 | 5.96 | 32294 | 11 | 2936 | 2653 | 12.17 | 20792 | 31 | 671 | 6257 | 3.32 |
| Champion....... | 6563 | 11 | 597 | 1443 | 4.55 | ..... | ..... | ..... | ..... | ..... | 6563 | 11 | 597 | 1443 | 4.55 |
| Drumheller..... | 933957 | 1137 | 821 | 224622 | 4.16 | 9673 | 3 | 3224 | 293 | 33.01 | 924284 | 1134 | 815 | 224329 | 4.12 |
| Edmonton....... | 218259 | 128 | 1705 | 30515 | 7.15 | 144314 | 43 | 3356 | 11686 | 12.35 | 73945 | 85 | 870 | 18829 | 3.93 |
| Gleichen....... | 8534 | 20 | 427 | 3795 | 2.25 | ..... | ..... | ..... | ..... | ..... | 8534 | 20 | 427 | 3795 | 2.25 |
| Pembina........ | 195804 | 51 | 3084 | 11203 | 17.48 | 195462 | 48 | 4072 | 10917 | 17.90 | 342 | 3 | 114 | 286 | 1.19 |
| Taber.......... | 45627 | 17 | 2684 | 3855 | 11.84 | 45627 | 17 | 2684 | 3855 | 11.84 | ..... | ..... | ..... | ..... | ..... |
| Whitecourt..... | 733 | 1 | 733 | 97 | 7.56 | 733 | 1 | 733 | 97 | 7.56 | ..... | ..... | ..... | ..... | ..... |
| Group 5: | | | | | | | | | | | | | | | |
| Camrose........ | 46119 | 22 | 2096 | 5884 | 7.84 | 46119 | 22 | 2096 | 5884 | 7.84 | ..... | ..... | ..... | ..... | ..... |
| Castor......... | 530464 | 85 | 6241 | 21775 | 24.36 | 526636 | 73 | 7214 | 20137 | 26.15 | 3828 | 12 | 319 | 1638 | 2.34 |
| Pakowki........ | 20 | 1 | 20 | 8 | 2.50 | ..... | ..... | ..... | ..... | ..... | 20 | 1 | 20 | 8 | 2.50 |
| Redcliff....... | 4432 | 7 | 633 | 1466 | 3.02 | ..... | ..... | ..... | ..... | ..... | 4432 | 7 | 633 | 1466 | 3.02 |
| Sheerness...... | 112551 | 38 | 2962 | 9693 | 11.61 | 112551 | 38 | 2962 | 9693 | 11.61 | ..... | ..... | ..... | ..... | ..... |
| Tofield........ | 56970 | 19 | 2998 | 4442 | 12.83 | 56018 | 17 | 3295 | 4370 | 12.82 | 952 | 2 | 476 | 72 | 1.32 |
| Westlock....... | 9372 | 5 | 1874 | 1197 | 7.83 | 9372 | 5 | 1874 | 1197 | 7.83 | ..... | ..... | ..... | ..... | ..... |
| Total......... | 2341686 | 1632 | 1435 | 340228 | 6.88 | 1297530 | 323 | 4002 | 81787 | 15.86 | 1044156 | 1309 | 798 | 258441 | 4.00 |

SUMMARY

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bituminous....... | 2114892 | 2169 | 908 | 443011 | 4.77 | 806705 | 299 | 2698 | 71889 | 11.22 | 1308187 | 1870 | 700 | 371122 | 3.52 |
| Sub-bituminous... | 2341686 | 1632 | 1435 | 340228 | 6.88 | 1297530 | 323 | 4002 | 81787 | 15.86 | 1044156 | 1309 | 798 | 258441 | 4.00 |
| Total........... | 4456578 | 3801 | 1172 | 783239 | 5.69 | 2104235 | 622 | 3383 | 153676 | 13.69 | 2352343 | 3179 | 740 | 629563 | 3.74 |

Number of days on which Coal was drawn in the BITUMINOUS FIELD by areas during each month:

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 1: | | | | | | | | | | | | | |
| Cascade | 15.0 | 13.0 | 15.0 | 12.0 | 14.0 | 14.0 | 6.0 | 14.0 | 12.0 | 20.0 | 19.0 | 23.0 | 177.0 |
| Highwood | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nordegg | 5.0 | ... | 3.0 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 8.0 |
| Group 2: | | | | | | | | | | | | | |
| Crowsnest | 16.8 | 11.8 | 16.1 | 10.6 | 14.0 | 11.0 | 12.0 | 13.0 | 11.3 | 17.9 | 19.9 | 20.0 | 174.4 |
| Mtn. Park | 14.0 | 17.0 | 22.0 | 20.0 | 21.0 | 15.0 | 18.0 | 19.0 | 17.0 | 10.0 | 18.0 | 19.0 | 210.0 |
| Cldman | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 3: | | | | | | | | | | | | | |
| Coalspur | 18.0 | 14.7 | 17.0 | 12.7 | 15.3 | 16.0 | 10.0 | 16.0 | 21.7 | 14.5 | 16.7 | 21.0 | 193.6 |
| Halcourt | 10.0 | 11.5 | 2.0 | ... | ... | ... | ... | ... | ... | ... | 18.0 | 20.0 | 61.5 |
| Lethbridge | 12.2 | 7.6 | 9.8 | 6.4 | 5.4 | 5.8 | 7.8 | 10.6 | 11.4 | 17.6 | 20.0 | 19.2 | 133.8 |
| Pekisko | 18.0 | 15.0 | 19.0 | 10.0 | 10.0 | 12.0 | ... | 3.0 | 20.0 | 21.0 | 22.0 | 21.0 | 171.0 |
| Pincher | 22.0 | 8.0 | 8.0 | 16.0 | ... | ... | ... | ... | ... | ... | ... | ... | 54.0 |
| Pr. Creek | ... | ... | 15.5 | ... | ... | ... | ... | ... | ... | ... | ... | 6.0 | 21.5 |
| Saunders | 5.0 | 12.0 | 9.0 | 24.0 | 10.0 | 23.0 | ... | ... | ... | ... | ... | ... | 83.0 |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 136.0 | 110.6 | 136.4 | 111.7 | 89.7 | 96.8 | 53.8 | 75.6 | 93.4 | 101.0 | 133.6 | 149.2 | 1287.8 |
| | | | | | | | | | | | | | 172.4 |

Number of days on which Coal was drawn in the SUB-BITUMINOUS FIELD by areas during each month:

500-2

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Group 4: | | | | | | | | | | | | | |
| Ardley | 21.3 | 21.3 | 21.7 | 10.0 | 26.0 | 16.0 | 15.5 | 19.5 | 20.0 | 25.7 | 25.7 | 25.7 | 248.4 |
| Big Valley | 22.5 | 19.5 | 19.5 | ... | ... | ... | ... | ... | ... | 9.5 | 23.5 | 20.0 | 114.5 |
| Brooks | 15.0 | 24.0 | 26.0 | 10.0 | 10.0 | 5.0 | 6.0 | ... | 15.7 | 25.0 | 24.0 | 24.0 | 184.7 |
| Carbon | 18.4 | 17.4 | 16.7 | 9.4 | 8.7 | 9.8 | 8.0 | 14.1 | 13.3 | 18.0 | 20.3 | 21.0 | 175.1 |
| Champion | 21.5 | 14.0 | 19.0 | 13.5 | 13.0 | 10.0 | 5.5 | 12.5 | 18.5 | 20.5 | 21.5 | 19.5 | 189.0 |
| Drumheller | 13.9 | 10.4 | 13.9 | 10.0 | 13.8 | 14.9 | 9.4 | 14.7 | 17.6 | 19.1 | 21.4 | 21.1 | 179.2 |
| Edmonton | 16.1 | 16.1 | 20.6 | 8.6 | 7.3 | 6.8 | 8.9 | 13.6 | 16.1 | 22.4 | 21.4 | 21.9 | 179.8 |
| Gleichen | 19.0 | 17.0 | 20.3 | 11.0 | 12.7 | 10.7 | 11.0 | 18.0 | 19.5 | 23.5 | 24.5 | 21.5 | 208.7 |
| Pembina | 17.7 | 15.3 | 14.7 | 8.5 | 13.0 | 15.0 | 13.0 | 15.7 | 8.3 | 19.5 | 16.8 | 20.1 | 177.6 |
| Taber | 5.0 | 4.0 | 4.0 | 2.0 | 2.0 | ... | ... | 1.0 | 13.0 | 20.0 | 25.0 | 25.0 | 111.0 |
| Wetaskiwin | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Whitecourt | 8.5 | 8.5 | 8.0 | ... | ... | ... | ... | ... | ... | ... | 13.5 | ... | 38.5 |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 5: | | | | | | | | | | | | | |
| Camrose | 19.5 | 18.3 | 19.3 | 23.5 | 23.5 | 6.0 | 6.0 | 15.5 | 17.5 | 23.5 | 18.3 | 22.7 | 213.6 |
| Castor | 16.1 | 14.2 | 13.4 | 11.0 | 11.0 | 8.0 | 5.7 | 8.0 | 14.3 | 17.4 | 18.0 | 15.6 | 152.9 |
| Pakowki | 3.0 | 3.0 | 2.0 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 8.0 |
| Redcliff | 19.0 | 13.0 | 16.0 | 18.0 | 25.0 | ... | 16.0 | 8.0 | 25.0 | 26.0 | 26.0 | 26.0 | 218.0 |
| Sheerness | 14.0 | 8.5 | 11.5 | 14.0 | 6.5 | 6.5 | 4.0 | 6.5 | 14.0 | 19.0 | 23.5 | 22.5 | 150.5 |
| Tofield | 16.8 | 15.4 | 19.4 | 17.3 | 17.0 | ... | ... | ... | 19.3 | 17.0 | 21.2 | 19.0 | 162.4 |
| Westlock | 22.5 | 21.5 | 24.0 | 14.0 | 5.0 | ... | ... | 27.0 | 13.0 | 25.0 | 25.5 | 24.5 | 202.0 |
| Total: | 289.8 | 261.4 | 290.0 | 180.8 | 194.5 | 108.7 | 109.0 | 174.1 | 245.1 | 331.1 | 370.1 | 350.1 | 2904.7 |
| | | | | | | | | | | | | | 184.8 |
| Bituminous | 136.0 | 110.6 | 136.4 | 111.7 | 89.7 | 96.8 | 53.8 | 75.6 | 93.4 | 101.0 | 133.6 | 149.2 | 1287.8 |
| S.Bituminous | 289.8 | 261.4 | 290.0 | 180.8 | 194.5 | 108.7 | 109.0 | 174.1 | 245.1 | 331.1 | 370.1 | 350.1 | 2904.7 |
| Total: | 425.8 | 372.0 | 426.4 | 292.5 | 284.2 | 205.5 | 162.8 | 249.7 | 338.5 | 432.1 | 503.7 | 499.3 | 4192.5 |
| | | | | | | | | | | | | | 178.6 |

Total number of shifts worked above and below ground by areas during each month, for the six months ending
June 30th, 1955

BITUMINOUS FIELD

| Areas | January | | February | | March | | April | | May | | June | | Total January to June | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Above Grd. | Below Grd. | Above Grd. | Below Grd. | Above Grd. | Below Grd. | Above Grd. | Below Grd. | Above Grd. | Below Grd. | Above Grd. | Below Grd. | Above Grd. | Below Grd. |
| Group 1: | | | | | | | | | | | | | | |
| Cascade | 2223 | 3063 | 1969 | 2463 | 2166 | 2756 | 1833 | 2220 | 1955 | 2423 | 1953 | 2480 | 12099 | 15405 |
| Highwood | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nordegg | 457 | 468 | ... | ... | 9 | ... | ... | ... | ... | ... | ... | ... | 466 | 468 |
| Group 2: | | | | | | | | | | | | | | |
| Crowsnest | 9884 | 8723 | 10762 | 7254 | 11799 | 8201 | 10125 | 6306 | 9186 | 6653 | 8795 | 6306 | 60551 | 43443 |
| Mtn. Park | 1513 | ... | 1713 | ... | 2244 | ... | 2465 | ... | 2428 | ... | 1694 | ... | 12057 | ... |
| Oldman | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 3: | | | | | | | | | | | | | | |
| Coalspur | 4360 | 4903 | 3771 | 3942 | 4349 | 4681 | 3875 | 3352 | 3886 | 3907 | 3961 | 3948 | 24202 | 24733 |
| Halcourt | 5 | 15 | 20 | 3 | 2 | ... | ... | ... | ... | ... | ... | ... | 27 | 18 |
| Lethbridge | 1489 | 3154 | 1161 | 2307 | 1419 | 2858 | 917 | 1439 | 891 | 1974 | 1100 | 1683 | 6977 | 13415 |
| Pekisko | 44 | 148 | 38 | 124 | 42 | 131 | 23 | 66 | ... | 25 | ... | 36 | 147 | 530 |
| Pincher | ... | 66 | ... | 24 | ... | 16 | ... | 32 | ... | ... | ... | ... | ... | 138 |
| Pr. Creek | ... | ... | ... | ... | ... | 83 | ... | ... | ... | ... | ... | ... | ... | 83 |
| Saunders | 162 | 329 | 164 | 376 | 121 | 92 | 120 | ... | 51 | ... | 23 | ... | 641 | 797 |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 20137 | 20869 | 19598 | 16493 | 22151 | 18818 | 19358 | 13415 | 18397 | 14982 | 17526 | 14453 | 117167 | 99030 |

Total number of shifts worked above and below ground by areas during each month for the six months ending December 31st, 1955

BITUMINOUS FIELD

| Areas | July | | August | | September | | October | | November | | December | | Total July to Dec. | | Total for year 1955 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Above Grd. | Below Grd. | Above Grd. | Below Grd. | Above Grd. | Below Grd. | Above Grd. | Below Grd. | Above Grd. | Below Grd. | Above Grd. | Below Grd. | Above Grd. | Below Grd. | Above Grd. | Below Grd. |
| Group 1: | | | | | | | | | | | | | | | | |
| Cascade | 3705 | 1282 | 2027 | 2326 | 1854 | 2031 | 2270 | 3005 | 2466 | 3078 | 2625 | 3742 | 14947 | 15464 | 27046 | 30869 |
| Highwood | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nordegg | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 466 | 468 |
| Group 2: | | | | | | | | | | | | | | | | |
| Crowsnest | 7483 | 5629 | 8791 | 5862 | 8477 | 5791 | 9187 | 8365 | 11650 | 8870 | 14124 | 9516 | 59712 | 44033 | 120263 | 87476 |
| Mtn. Park | 1712 | ... | 1833 | ... | 1856 | ... | 1609 | ... | 1902 | ... | 1822 | ... | 10734 | ... | 22791 | ... |
| Oldman | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 3: | | | | | | | | | | | | | | | | |
| Coalspur | 2217 | 2431 | 3756 | 4679 | 4287 | 4866 | 3071 | 4398 | 3238 | 4772 | 3254 | 4843 | 19823 | 25989 | 44025 | 50722 |
| Halcourt | ... | ... | ... | ... | ... | ... | ... | ... | 36 | ... | 20 | ... | 56 | ... | 83 | 18 |
| Lethbridge | 991 | 1792 | 1245 | 2614 | 1430 | 3442 | 1867 | 4648 | 2210 | 5896 | 2277 | 6830 | 10020 | 25222 | 16997 | 38637 |
| Pekisko | ... | ... | 6 | 84 | 43 | 97 | 47 | 126 | 48 | 145 | 48 | 153 | 192 | 605 | 339 | 1135 |
| Pincher | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 138 |
| Pr. Creek | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 17 | ... | 17 | ... | 100 |
| Saunders | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 641 | 797 |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total: | 16108 | 11134 | 17658 | 15565 | 17947 | 16227 | 18051 | 20542 | 21550 | 22761 | 24170 | 25101 | 115484 | 111330 | 232651 | 210360 |

Total number of shifts worked above and below ground by areas during each month for the six months ending June 30th, 1955

SUB-BITUMINOUS FIELD

| Areas | January | | February | | March | | April | | May | | June | | Total January to June | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Above Grd. | Below Grd. | Above Grd. | Below Grd. | Above Grd. | Below Grd. | Above Grd. | Below Grd. | Above Grd. | Below Grd. | Above Grd. | Below Grd. | Above Grd. | Below Grd. |
| Group 4: | | | | | | | | | | | | | | |
| Ardley | 528 | ... | 432 | ... | 450 | ... | 75 | ... | 104 | ... | 116 | ... | 1705 | ... |
| Big Valley | 25 | 60 | 24 | 45 | 27 | 36 | ... | ... | ... | ... | ... | ... | 76 | 141 |
| Brooks | 494 | ... | 369 | ... | 336 | ... | 267 | ... | 333 | ... | 304 | ... | 2103 | ... |
| Carbon | 423 | 519 | 375 | 414 | 348 | 444 | 106 | 259 | 123 | 250 | 152 | 224 | 1527 | 2110 |
| Champion | 22 | 152 | 16 | 119 | 20 | 112 | 12 | 57 | 7 | 51 | 5 | 46 | 82 | 537 |
| Drumheller | 5179 | 20575 | 4099 | 14134 | 4540 | 14697 | 2859 | 5253 | 3426 | 9718 | 3854 | 11113 | 23957 | 75490 |
| Edmonton | 1818 | 1397 | 1356 | 1068 | 1425 | 1402 | 613 | 411 | 761 | 510 | 764 | 516 | 6737 | 5304 |
| Gleichen | 39 | 572 | 27 | 489 | 24 | 401 | 18 | 188 | 18 | 162 | 14 | 189 | 140 | 2001 |
| Pembina | 1181 | 140 | 987 | 23 | 1223 | 32 | 475 | ... | 499 | ... | 594 | ... | 4959 | 195 |
| Taber | 235 | ... | 194 | ... | 182 | ... | 144 | ... | 108 | ... | ... | ... | 863 | ... |
| Wetaskiwin | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Whitecourt | 31 | ... | 31 | ... | 8 | ... | ... | ... | ... | ... | ... | ... | 70 | ... |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 5: | | | | | | | | | | | | | | |
| Camrose | 599 | ... | 507 | ... | 544 | ... | 332 | ... | 315 | ... | 295 | ... | 2592 | ... |
| Castor | 2119 | 250 | 1571 | 246 | 1427 | 167 | 830 | 24 | 872 | 21 | 1039 | 18 | 7858 | 726 |
| Pakowki | ... | 3 | ... | 3 | ... | 2 | ... | ... | ... | ... | ... | ... | ... | 8 |
| Redcliff | 19 | 121 | 13 | 51 | 16 | 69 | ... | 45 | ... | 54 | ... | ... | 48 | 340 |
| Sheerness | 967 | ... | 777 | ... | 834 | ... | 666 | ... | 630 | ... | 665 | ... | 4539 | ... |
| Tofield | 522 | 24 | 455 | 24 | 423 | 24 | 286 | ... | 287 | ... | ... | ... | 1973 | 72 |
| Westlock | 143 | ... | 130 | ... | 150 | ... | 53 | ... | 54 | ... | ... | ... | 530 | ... |
| Total: | 14344 | 23813 | 11363 | 16616 | 11977 | 17386 | 6736 | 6237 | 7537 | 10766 | 7802 | 12106 | 59759 | 86924 |

SUMMARY

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bituminous | 20137 | 20869 | 19598 | 16493 | 22151 | 18818 | 19358 | 13415 | 18397 | 14982 | 17526 | 14453 | 117167 | 99030 |
| S.Bituminous | 14344 | 23813 | 11363 | 16616 | 11977 | 17386 | 6736 | 6237 | 7537 | 10766 | 7802 | 12106 | 59759 | 86924 |
| Total: | 34481 | 44682 | 30961 | 33109 | 34128 | 36204 | 26094 | 19652 | 25934 | 25748 | 25328 | 26559 | 176926 | 185954 |

Total number of shifts worked above and below ground by areas during each month for the six months ending December 31st, 1955

SUB-BITUMINOUS FIELD

| Areas | July | | August | | September | | October | | November | | December | | Total July to Dec. | | Total 1955 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Above Grd. | Below Grd. | Above Grd. | Below Grd. | Above Grd. | Below Grd. | Above Grd. | Below Grd. | Above Grd. | Below Grd. | Above Grd. | Below Grd. | Above Grd. | Below Grd. | Above Grd. | Below Grd. |
| Group 4: | | | | | | | | | | | | | | | | |
| Ardley | 120 | ... | 141 | ... | 183 | ... | 465 | ... | 1122 | ... | 979 | ... | 3010 | ... | 4715 | ... |
| Big Valley | ... | ... | ... | ... | ... | ... | 7 | 24 | 24 | 73 | 24 | 80 | 55 | 177 | 131 | 318 |
| Brooks | 232 | ... | ... | ... | 843 | ... | 745 | ... | 1053 | ... | 1183 | ... | 4056 | ... | 6159 | ... |
| Carbon | 167 | 197 | 174 | 298 | 269 | 462 | 526 | 580 | 598 | 748 | 474 | 760 | 2208 | 3065 | 3735 | 5175 |
| Champion | 4 | 52 | 5 | 50 | 16 | 88 | 21 | 162 | 22 | 182 | 21 | 201 | 89 | 735 | 171 | 1272 |
| Drumheller | 2520 | 5701 | 3882 | 10949 | 4743 | 16450 | 5296 | 20666 | 5643 | 21870 | 5560 | 21895 | 27644 | 97531 | 51601 | 173021 |
| Edmonton | 643 | 302 | 1035 | 560 | 1204 | 1090 | 2028 | 1857 | 2403 | 2678 | 2250 | 2424 | 9563 | 8911 | 16300 | 14215 |
| Gleichen | 16 | 67 | 23 | 202 | 20 | 217 | 22 | 333 | 24 | 379 | 36 | 315 | 141 | 1513 | 281 | 3514 |
| Pembina | 557 | ... | 747 | ... | 633 | ... | 901 | ... | 1165 | 10 | 2028 | 8 | 6031 | 18 | 10990 | 213 |
| Taber | ... | ... | 770 | ... | 216 | ... | 447 | ... | 724 | ... | 835 | ... | 2992 | ... | 3855 | ... |
| Wetaskiwin | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Whitecourt | ... | ... | ... | ... | ... | ... | ... | ... | 27 | ... | ... | ... | 27 | ... | 97 | ... |
| No Area | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Group 5: | | | | | | | | | | | | | | | | |
| Camrose | 259 | ... | 302 | ... | 408 | ... | 589 | ... | 753 | ... | 981 | ... | 3292 | ... | 5884 | ... |
| Castor | 1029 | 12 | 1163 | 10 | 1802 | 65 | 2355 | 145 | 3116 | 224 | 3059 | 211 | 12524 | 667 | 20382 | 1393 |
| Pakowki | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 8 |
| Redcliff | ... | 48 | 8 | 55 | 25 | 103 | 26 | 219 | 26 | 308 | 26 | 234 | 111 | 967 | 159 | 1307 |
| Sheerness | 509 | ... | 649 | ... | 857 | ... | 967 | ... | 1082 | ... | 1090 | ... | 5154 | ... | 9693 | ... |
| Tofield | ... | ... | ... | ... | 397 | ... | 581 | ... | 869 | ... | 550 | ... | 2397 | ... | 4370 | 72 |
| Westlock | ... | ... | 98 | ... | 86 | ... | 144 | ... | 185 | ... | 154 | ... | 667 | ... | 1197 | ... |
| Total: | 6056 | 6379 | 8997 | 12124 | 11702 | 18475 | 15120 | 23986 | 18836 | 26472 | 19250 | 26148 | 79961 | 113584 | 139720 | 200508 |

SUMMARY

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bituminous | 16108 | 11134 | 17658 | 15565 | 17947 | 16227 | 18051 | 20542 | 21550 | 22761 | 24170 | 25101 | 115484 | 111330 | 232651 | 210360 |
| S.Bituminous | 6056 | 6379 | 8997 | 12124 | 11702 | 18475 | 15120 | 23986 | 18836 | 26472 | 19250 | 26148 | 79961 | 113584 | 139720 | 200508 |
| Total: | 22164 | 17513 | 26655 | 27689 | 29649 | 34702 | 33171 | 44528 | 40386 | 49233 | 43420 | 51249 | 195445 | 224914 | 372371 | 410868 |

## PRODUCTION OF COAL PER EIGHT-HOUR MAN-SHIFT

| Year | Gross tons of coal mined | Total No. of Eight-hour Man-shifts | Average No. of Tons of coal mined per Eight-hour Shift |
|---|---|---|---|
| 1927 | 6,936,780 | 2,196,712 | 3.157 |
| 1928 | 7,334,179 | 2,282,098 | 3.213 |
| 1929 | 7,147,250 | 2,261,064 | 3.161 |
| 1930 | 5,755,911 | 1,823,826 | 3.155 |
| 1931 | 4,563,309 | 1,396,696 | 3.267 |
| 1932 | 4,867,984 | 1,475,813 | 3.299 |
| 1933 | 4,714,784 | 1,440,985 | 3.271 |
| 1934 | 4,748,848 | 1,342,086 | 3.538 |
| 1935 | 5,462,973 | 1,614,032 | 3.384 |
| 1936 | 5,696,375 | 1,696,998 | 3.356 |
| 1937 | 5,551,682 | 1,620,003 | 3.426 |
| 1938 | 5,230,015 | 1,498,855 | 3,489 |
| 1939 | 5,518,105 | 1,549,042 | 3.562 |
| 1940 | 6,205,088 | 1,673,948 | 3.706 |
| 1941 | 6,970,064 | 1,877,968 | 3.711 |
| 1942 | 7,754,279 | 2,229,655 | 3.477 |
| 1943 | 7,677,982 | 2,200,426 | 3.489 |
| 1944 | 7,427,433 | 2,034,155 | 3.651 |
| 1945 | 7,801,248 | 1,990,452 | 3.919 |
| 1946 | 8,824,455 | 2,105,511 | 4.191 |
| 1947 | 8,074,596 | 1,998,002 | 4.041 |
| 1948 | 8,111,013 | 1,894,837 | 4.280 |
| 1949 | 8,616,983 | 1,910,922 | 4.510 |
| 1950 | 8,118,206 | 1,735,316 | 4.678 |
| 1951 | 7,661,276 | 1,683,061 | 4.552 |
| 1952 | 7,194,472 | 1,522,264 | 4.726 |
| 1953 | 5,917,423 | 1,141,531 | 5.184 |
| 1954 | 4,859,136 | 943,558 | 5.150 |
| 1955 | 4,456,578 | 783,239 | 5.690 |

## AMOUNT OF MINE TIMBER USED DURING THE YEAR

### BITUMINOUS COAL FIELD

| Area | Timber lineal feet | Lumber B.M. feet | Lagging lineal feet | Ties lineal feet | Sprags lineal feet |
|---|---|---|---|---|---|
| Group 1: | | | | | |
| Cascade........................ | 440,326 | ... | 7,560 | 15,220 | ... |
| Nordegg........................ | 1,000 | ... | ... | ... | ... |
| Group 2: | | | | | |
| Crowsnest...................... | 1,099,167 | 790,388 | 432,426 | 7,561 | 3,775 |
| Group 3: | | | | | |
| Coalspur....................... | 502,197 | 351,209 | 144,080 | 17,109 | ... |
| Halcourt....................... | 400 | ... | ... | 200 | ... |
| Lethbridge..................... | 523,332 | 26,975 | 11,180 | 10,080 | 150 |
| Pekisko........................ | 8,613 | ... | 1,200 | ... | ... |
| Pincher........................ | 30 | ... | 50 | ... | ... |
| Prairie Creek.................. | 1,500 | ... | 2,000 | 60 | ... |
| Saunders....................... | 5,000 | ... | 1,500 | 500 | ... |
| Total.......................... | 2,581,565 | 1,168,572 | 599,996 | 50,730 | 3,925 |

### SUB-BITUMINOUS COAL FIELD

| Area | Timber lineal feet | Lumber B.M. feet | Lagging lineal feet | Ties lineal feet | Sprags lineal feet |
|---|---|---|---|---|---|
| Group 4: | | | | | |
| Big Valley..................... | 8,500 | ... | 500 | 500 | ... |
| Carbon......................... | 125,110 | 3,936 | 11,608 | 5,750 | ... |
| Champion....................... | 26,180 | 3,000 | 16,760 | 470 | ... |
| Drumheller..................... | 3,919,299 | 73,237 | 4,830 | 164,320 | ... |
| Edmonton....................... | 171,092 | 3,000 | 30,900 | 7,515 | ... |
| Gleichen....................... | 21,293 | 3,751 | 2,898 | 1,800 | ... |
| Pembina........................ | 650 | ... | 300 | 250 | ... |
| Group 5: | | | | | |
| Castor......................... | 15,153 | ... | 1,000 | 1,050 | ... |
| Pakowki........................ | 40 | ... | 100 | 10 | ... |
| Redcliff....................... | 6,270 | ... | 8,000 | ... | ... |
| Sheerness...................... | 100 | ... | ... | 50 | ... |
| Total.......................... | 4,293,687 | 86,924 | 76,896 | 181,715 | ... |

## PARTICULARS OF LAMPS IN THE BITUMINOUS AND SUB-BITUMINOUS COAL FIELDS DURING THE YEARS 1954 and 1955

### BITUMINOUS

| | 1954 | 1955 |
|---|---|---|
| Portable Electric Lamps, Edison Cap Type... | 2,882 | 2,229 |
| Wolfe Flame Type.......................... | 207 | 236 |
| Total.......................... | 3,089 | 2,465 |

### SUB-BITUMINOUS

| | 1954 | 1955 |
|---|---|---|
| Portable Electric Lamps, Edison Cap Type... | 1,365 | 1,239 |
| Wolfe Flame Type.......................... | 137 | 125 |
| Total.......................... | 1,502 | 1,364 |

QUANTITY OF EXPLOSIVES USED IN POUNDS FOR BLASTING COAL:

BITUMINOUS COAL FIELD

| Area | Name of Explosive | | | | | Total |
|---|---|---|---|---|---|---|
| | Pellet | Monobel | CXL-ite | Cardox | Forcite | |
| Group 1: | | | | | | |
| Cascade | .... | 26,150 | .... | .... | .... | 26,150 |
| Group 2: | | | | | | |
| Crowsnest | 16,800 | 11,843 | .... | .... | .... | 28,643 |
| Mountain Park | .... | .... | 6,440 | .... | .... | 6,440 |
| Group 3: | | | | | | |
| Coalspur | 83,797 | .... | .... | .... | 20,700 | 104,497 |
| Halcourt | .... | .... | .... | .... | 80 | 80 |
| Lethbridge | 955 | 19,203 | .... | 20,305 | .... | 40,463 |
| Pekisko | 4,800 | 350 | .... | .... | .... | 5,150 |
| Pincher | .... | 50 | .... | .... | .... | 50 |
| Prairie Creek | 200 | .... | .... | .... | .... | 200 |
| Saunders | .... | 600 | .... | .... | .... | 600 |
| Total | 106,552 | 58,196 | 6,440 | 20,305 | 20,780 | 212,273 |

SUB-BITUMINOUS COAL FIELD

| Area | Pellet | Monobel | CXL-ite | Cardox | Forcite | Total |
|---|---|---|---|---|---|---|
| Group 4: | | | | | | |
| Ardley | 6,300 | 6,600 | .... | .... | .... | 12,900 |
| Big Valley | 500 | .... | .... | .... | .... | 500 |
| Brooks | 4,550 | .... | .... | .... | .... | 4,550 |
| Carbon | 5,278 | 2,800 | .... | .... | .... | 8,078 |
| Champion | 2,000 | .... | .... | .... | .... | 2,000 |
| Drumheller | 39,827 | 28,954 | 826 | 69,350 | .... | 138,957 |
| Edmonton | 1,900 | 9,277 | .... | .... | .... | 11,177 |
| Gleichen | 1,180 | 302 | .... | .... | .... | 1,482 |
| Pembina | .... | 6,750 | .... | .... | .... | 6,750 |
| Taber | .... | 110 | .... | .... | .... | 110 |
| Whitecourt | 190 | .... | .... | .... | .... | 190 |
| Group 5: | | | | | | |
| Camrose | .... | 1,430 | .... | .... | .... | 1,430 |
| Castor | 2,550 | 11,790 | .... | .... | .... | 14,340 |
| Pakowki | .... | 5 | .... | .... | .... | 5 |
| Redcliff | 560 | 280 | .... | .... | .... | 840 |
| Sheerness | 30 | 11 | .... | .... | .... | 41 |
| Tofield | 1,150 | 1,850 | .... | .... | .... | 3,000 |
| Westlock | .... | 400 | .... | .... | .... | 400 |
| Total | 66,015 | 70,559 | 826 | 69,350 | .... | 206,750 |

Number of tons of Coal produced per pound of
Explosives used for blasting Coal:

### BITUMINOUS COAL FIELD

| Area | Number of tons of coal mined | Number of Pounds of Explosives used | Tons of coal mined per pound of explosive used |
|---|---|---|---|
| Group 1: | | | |
| Cascade | 201,513 | 26,150 | 7.70 |
| Nordegg | 3,396 | ... | ... |
| Group 2: | | | |
| Crowsnest | 1,156,119 | 28,643 | 40.36 |
| Mountain Park | 178,335 | 6,440 | 27.69 |
| Group 3: | | | |
| Coalspur | 405,104 | 104,497 | 3.88 |
| Halcourt | 960 | 80 | 12.00 |
| Lethbridge | 161,553 | 40,463 | 3.99 |
| Pekisko | 5,175 | 5,150 | 1.00 |
| Pincher | 108 | 50 | 2.16 |
| Prairie Creek | 419 | 200 | 2.10 |
| Saunders | 2,210 | 600 | 3.68 |
| Total | 2,114,892 | 212,273 | 9.96 |
| SUB-BITUMINOUS COAL FIELD | | | |
| Group 4: | | | |
| Ardley | 63,447 | 12,900 | 4.92 |
| Big Valley | 1,745 | 500 | 3.49 |
| Brooks | 54,003 | 4,550 | 11.87 |
| Carbon | 53,086 | 8,078 | 6.57 |
| Champion | 6,563 | 2,000 | 3.28 |
| Drumheller | 933,957 | 138,957 | 6.72 |
| Edmonton | 218,259 | 11,177 | 19.53 |
| Gleichen | 8,534 | 1,482 | 5.76 |
| Pembina | 195,804 | 6,750 | 29.01 |
| Taber | 45,627 | 110 | 414.79 |
| Whitecourt | 733 | 190 | 3.86 |
| Group 5: | | | |
| Camrose | 46,119 | 1,430 | 32.25 |
| Castor | 530,464 | 14,340 | 36.99 |
| Pakowki | 20 | 5 | 4.00 |
| Redcliff | 4,432 | 840 | 5.28 |
| Sheerness | 112,551 | 41 | 2745.15 |
| Tofield | 56,970 | 3,000 | 18.99 |
| Westlock | 9,372 | 400 | 23.43 |
| Total | 2,341,686 | 206,750 | 11.33 |

Estimated number of shots fired for Blasting Coal:

BITUMINOUS COAL FIELD

| Area | Electric Detonators | Electric Squibs | Cardox Heaters | Total |
|---|---|---|---|---|
| Group 1: | | | | |
| Cascade | 48,116 | ... | ... | 48,116 |
| Group 2: | | | | |
| Crowsnest | 14,198 | ... | ... | 14,198 |
| Mountain Park | 1,803 | ... | ... | 1,803 |
| Group 3: | | | | |
| Coalspur | 73,871 | ... | ... | 73,871 |
| Halcourt | 175 | ... | ... | 175 |
| Lethbridge | 33,750 | 1,022 | 2,702 | 37,474 |
| Pekisko | 3,400 | ... | ... | 3,400 |
| Pincher | 70 | ... | ... | 70 |
| Prairie Creek | 250 | ... | ... | 250 |
| Saunders | 900 | ... | ... | 900 |
| Total | 176,533 | 1,022 | 2,702 | 180,257 |

SUB-BITUMINOUS COAL FIELD

| Area | Electric Detonators | Electric Squibs | Cardox Heaters | Total |
|---|---|---|---|---|
| Group 4: | | | | |
| Ardley | 8,342 | 5,850 | ... | 14,192 |
| Big Valley | 415 | ... | ... | 415 |
| Brooks | 5,429 | ... | ... | 5,429 |
| Carbon | 10,589 | ... | ... | 10,589 |
| Champion | 1,850 | ... | ... | 1,850 |
| Drumheller | 106,789 | ... | ... | 106,789 |
| Edmonton | 13,989 | 4,100 | ... | 18,089 |
| Gleichen | 1,642 | ... | ... | 1,642 |
| Pembina | 6,325 | ... | ... | 6,325 |
| Taber | 567 | ... | ... | 567 |
| Whitecourt | 110 | ... | ... | 110 |
| Group 5: | | | | |
| Camrose | 1,923 | ... | ... | 1,923 |
| Castor | 19,264 | 50 | ... | 19,314 |
| Pakowki | 5 | ... | ... | 5 |
| Redcliff | 770 | ... | ... | 770 |
| Sheerness | 48 | ... | ... | 48 |
| Tofield | 3,700 | ... | ... | 3,700 |
| Westlock | 715 | ... | ... | 715 |
| Total | 182,472 | 10,000 | ... | 192,472 |

Number of miss-fire shots recorded in Blasting Coal in the Province:

BITUMINOUS COAL FIELD

| Area | Electric Detonators | Electric Squibs | Cardox Heaters | Total |
|---|---|---|---|---|
| Group 3: | | | | |
| Lethbridge..... | 6 | 10 | ... | 16 |
| Total............ | 6 | 10 | ... | 16 |

SUB-BITUMINOUS COAL FIELD

| Area | Electric Detonators | Electric Squibs | Cardox Heaters | Total |
|---|---|---|---|---|
| Group 4: | | | | |
| Carbon......... | 7 | ... | ... | 7 |
| Champion....... | 2 | ... | ... | 2 |
| Drumheller..... | 86 | ... | ... | 86 |
| Gleichen....... | 2 | ... | ... | 2 |
| Taber.......... | 1 | ... | ... | 1 |
| Group 5: | | | | |
| Castor......... | 5 | 2 | ... | 7 |
| Tofield........ | 7 | ... | ... | 7 |
| Total............ | 110 | 2 | ... | 112 |

Quantity of Explosives used in pounds for Blasting Rock in Coal-mines in the Province.

BITUMINOUS COAL FIELD

| Area | Pellets | Monobel | CXL-ite | Forcite | Total |
|---|---|---|---|---|---|
| Group 1: | | | | | |
| Cascade........... | ... | ... | 1,350 | 2,500 | 3,850 |
| Group 2: | | | | | |
| Crowsnest......... | ... | ... | 166,782 | 98,250 | 265,032 |
| Mountain Park..... | ... | ... | ... | 154,350 | 154,350 |
| Group 3: | | | | | |
| Coalspur.......... | ... | ... | ... | 4,050 | 4,050 |
| Lethbridge........ | 2 | 160 | ... | ... | 162 |
| Total................ | 2 | 160 | 168,132 | 259,150 | 427,444 |
| SUB-BITUMINOUS COAL FIELD | | | | | |
| Group 4: | | | | | |
| Brooks............ | ... | 200 | ... | 1,843 | 2,043 |
| Carbon............ | ... | 350 | 50 | ... | 400 |
| Drumheller........ | ... | 415 | 7,807 | 4,475 | 12,697 |
| Gleichen.......... | 10 | 106 | ... | ... | 116 |
| Pembina........... | ... | 300 | ... | ... | 300 |
| Group 5: | | | | | |
| Castor............ | ... | 20 | ... | 50 | 70 |
| Sheerness......... | ... | ... | ... | 154 | 154 |
| Total................ | 10 | 1,391 | 7,857 | 6,522 | 15,780 |

Estimated number of shots fired for Blasting Rock in Coal-mines in the Province.

BITUMINOUS COAL FIELD

| Area | Electric Detonators | Electric Squibs | Total |
|---|---|---|---|
| Group 1: | | | |
| Cascade.............. | 3,499 | ... | 3,499 |
| Group 2: | | | |
| Crowsnest............ | 16,890 | ... | 16,890 |
| Mountain Park........ | 9,381 | ... | 9,381 |
| Group 3: | | | |
| Coalspur............. | 2,485 | ... | 2,485 |
| Lethbridge........... | 171 | 4 | 175 |
| Total................. | 32,426 | 4 | 32,430 |

SUB-BITUMINOUS COAL FIELD

| Area | Electric Detonators | Electric Squibs | Total |
|---|---|---|---|
| Group 4: | | | |
| Brooks............... | 158 | ... | 158 |
| Carbon............... | 735 | ... | 735 |
| Drumheller........... | 26,429 | ... | 26,429 |
| Gleichen............. | 95 | ... | 95 |
| Pembina.............. | 850 | ... | 850 |
| Group 5: | | | |
| Castor............... | 120 | ... | 120 |
| Sheerness............ | 185 | ... | 185 |
| Total................. | 28,572 | ... | 28,572 |

Estimated number of miss-fire shots recorded in Blasting Rock in Coal-mines in the Province.

| Area | Electric Detonators | Electric Squibs | Total |
|---|---|---|---|
| Group 3: | | | |
| Lethbridge.......... | 3 | ... | 3 |
| Group 4: | | | |
| Drumheller.......... | 8 | ... | 8 |
| Total................. | 11 | ... | 11 |

## ELECTRICITY

| Area | No. of Mines using Electricity | Horsepower of electrical equipment in use | | Total Horsepower | Purchased Power |
|---|---|---|---|---|---|
| | | Above Ground | Below Ground | | |
| Brooks.......................... | 2 | 278 | ... | 278 | ... |
| Camrose.......................... | 1 | 105 | ... | 105 | 68,200 |
| Carbon.......................... | 5 | 111 | 177 | 288 | 143,388 |
| Cascade.......................... | 1 | 5,212 | ... | 5,212 | 10,406,900 |
| Castor.......................... | 10 | 1,381 | 79 | 1,460 | 224,600 |
| Coalspur.......................... | 3 | 2,666 | 1,703 | 4,369 | ... |
| Crowsnest.......................... | 6 | 19,121 | 4,895 | 24,016 | 20,747,469 |
| Drumheller.......................... | 13 | 3,606 | 7,650 | 11,256 | 6,749,175 |
| Edmonton.......................... | 9 | 660 | 961 | 1,621 | 466,790 |
| Gleichen.......................... | 2 | 10 | 43 | 53 | 22,300 |
| Lethbridge.......................... | 3 | 2,135 | 1,891 | 4,026 | 2,550,720 |
| Mountain Park.......................... | 1 | 1,317 | 5 | 1,322 | ... |
| Nordegg.......................... | 1 | 3,552 | 145 | 3,697 | 1,200,000 |
| Pekisko.......................... | 1 | 69 | 6 | 75 | ... |
| Pembina.......................... | 1 | 113 | ... | 113 | 92,720 |
| Prairie Creek.......................... | 1 | 26 | 31 | 57 | ... |
| Redcliff.......................... | 1 | 93 | 61 | 154 | 40,000 |
| Saunders.......................... | 1 | 112 | 108 | 220 | ... |
| Sheerness.......................... | 2 | 1,441 | ... | 1,441 | 1,237,071 |
| Taber.......................... | 3 | 130 | 3 | 133 | 24,240 |
| Tofield.......................... | 2 | 164 | ... | 164 | 159,400 |
| Total.......................... | 69 | 42,302 | 17,758 | 60,060 | 44,132,973 |

## COAL-CUTTING MACHINERY

| Area | No. of Machines Operated by: | | | Tons of Coal Mined by: | |
|---|---|---|---|---|---|
| | Electricity | Compressed Air | | Electricity | Compressed Air |
| | | Picks | Machines | | |
| Big Valley.......................... | ... | ... | 1 | ... | 500 |
| Carbon.......................... | 7 | ... | 1 | 18,188 | 350 |
| Cascade.......................... | ... | 51 | 10 | ... | 151,135 |
| Castor.......................... | 7 | ... | ... | 3,117 | ... |
| Coalspur.......................... | ... | ... | 42 | ... | 337,102 |
| Crowsnest.......................... | ... | 264 | ... | ... | 297,569 |
| Drumheller.......................... | 79 | ... | ... | 926,000 | ... |
| Edmonton.......................... | 16 | ... | ... | 69,711 | ... |
| Gleichen.......................... | 2 | ... | ... | 7,092 | ... |
| Lethbridge.......................... | 24 | ... | ... | 160,936 | ... |
| Nordegg.......................... | ... | 100 | ... | ... | 3,396 |
| Pembina.......................... | ... | ... | 1 | ... | 100 |
| Prairie Creek.......................... | 1 | ... | ... | 387 | ... |
| Redcliff.......................... | 2 | ... | ... | 4,432 | ... |
| Saunders.......................... | ... | ... | 4 | ... | 2,210 |
| Total.......................... | 138 | 415 | 59 | 1,189,863 | 792,362 |

## ACCIDENTS

Summary Table showing Accidents occurring in the Mines from 1906 to 1955 inclusive, reportable under the Coal Mines Regulation Act.

| Year | Output | Accidents | | | Tons of coal mined per accident | | |
|---|---|---|---|---|---|---|---|
| | | Fatal | Serious | Slight | Fatal | Serious | Slight |
| 1906........ | 1,385,000 | 10 | 11 | 20 | 138,500 | 126,909 | 60,250 |
| 1907........ | 1,834,745 | 19 | 18 | 68 | 96,565 | 101,930 | 26,981 |
| 1908........ | 1,845,000 | 11 | 38 | 13 | 167,727 | 48,552 | 141,923 |
| 1909........ | 2,174,329 | 9 | 42 | 18 | 241,952 | 51,769 | 120,796 |
| 1910........ | 3,036,757 | 61a | 41 | 58 | 49,782 | 71,067 | 52,375 |
| 1911........ | 1,694,564 | 7 | 32 | 45 | 242,080 | 52,955 | 37,658 |
| 1912........ | 3,446,349 | 21 | 38 | 58 | 164,111 | 90,693 | 59,419 |
| 1913........ | 4,306,346 | 28 | 60 | 83 | 152,789 | 71,772 | 51,883 |
| 1914........ | 3,821,739 | 209b | 44 | 50 | 18,286 | 86,857 | 76,434 |
| 1915........ | 3,434,891 | 18 | 33 | 33 | 190,827 | 104,087 | 104,087 |
| 1916........ | 4,648,604 | 20 | 51 | 34 | 232,430 | 91,149 | 136,723 |
| 1917........ | 4,863,414 | 24 | 62 | 39 | 202,642 | 78,442 | 124,703 |
| 1918........ | 6,148,620 | 22 | 60 | 77 | 279,483 | 102,477 | 79,860 |
| 1919........ | 5,022,412 | 21 | 56 | 54 | 239,162 | 89,685 | 93,008 |
| 1920........ | 6,908,923 | 29 | 53 | 38 | 238,733 | 130,371 | 181,814 |
| 1921........ | 5,937,195 | 21 | 64 | 25 | 282,721 | 92,769 | 237,488 |
| 1922........ | 5,976,432 | 35 | 38 | 35 | 170,755 | 157,274 | 170,755 |
| 1923........ | 6,866,923 | 22 | 44 | 10 | 312,133 | 156,066 | 686,692 |
| 1924........ | 5,203,713 | 21 | 42 | 40 | 247,796 | 123,898 | 130,093 |
| 1925........ | 5,883,394 | 30 | 59 | 56 | 196,113 | 99,718 | 105,060 |
| 1926........ | 6,508,908 | 39c | 67 | 119 | 166,398 | 97,148 | 54,696 |
| 1927........ | 6,936,780 | 26 | 76 | 115 | 266,799 | 91,273 | 60,320 |
| 1928........ | 7,334,179 | 28 | 71 | 122 | 261,935 | 103,298 | 60,166 |
| 1929........ | 7,147,250 | 31 | 69 | 98 | 230,556 | 103,583 | 72,931 |
| 1930........ | 5,755,911 | 11 | 69 | 97 | 523,265 | 83,419 | 59,339 |
| 1931........ | 4,563,309 | 16 | 75 | 73 | 285,207 | 60,844 | 62,511 |
| 1932........ | 4,867,984 | 11 | 61 | 96 | 442,544 | 79,803 | 50,708 |
| 1933........ | 4,714,784 | 6 | 60 | 109 | 785,797 | 78,580 | 43,255 |
| 1934........ | 4,748,848 | 15 | 68 | 70 | 316,589 | 69,836 | 67,840 |
| 1935........ | 5,462,973 | 35d | 66 | 113 | 156,085 | 82,772 | 48,352 |
| 1936........ | 5,696,375 | 11 | 79 | 101 | 517,852 | 72,106 | 56,400 |
| 1937........ | 5,551,682 | 20 | 72 | 73 | 277,584 | 77,107 | 76,050 |
| 1938........ | 5,230,015 | 21e | 72 | 135 | 249,040 | 72,639 | 38,741 |
| 1939........ | 5,518,105 | 17 | 57 | 180 | 324,594 | 96,809 | 30,657 |
| 1940........ | 6,205,088 | 13 | 79 | 97 | 477,314 | 78,545 | 63,970 |
| 1941........ | 6,970,064 | 48f | 78 | 142 | 145,209 | 89,360 | 49,084 |
| 1942........ | 7,754,279 | 17 | 92 | 148 | 456,134 | 84,285 | 52,393 |
| 1943........ | 7,677,982 | 25g | 73 | 152 | 307,119 | 105,178 | 50,513 |
| 1944........ | 7,427,433 | 10 | 70 | 125 | 742,743 | 106,106 | 59,419 |
| 1945........ | 7,801,248 | 23h | 51 | 168 | 339,185 | 154,925 | 46,436 |
| 1946........ | 8,824,455 | 12 | 76 | 128 | 735,371 | 116,111 | 68,941 |
| 1947........ | 8,074,596 | 15 | 121 | 117 | 538,306 | 66,732 | 69,014 |
| 1948........ | 8,111,013 | 13 | 91 | 93 | 623,924 | 89,132 | 87,215 |
| 1949........ | 8,616,983 | 13 | 89 | 108 | 662,076 | 96,708 | 79,694 |
| 1950........ | 8,118,206 | 20i | 86 | 97 | 405,910 | 94,398 | 83,693 |
| 1951........ | 7,661,276 | 9 | 85 | 53 | 851,253 | 90,133 | 144,552 |
| 1952........ | 7,194,472 | 7 | 79 | 79 | 1,027,782 | 91,069 | 91,069 |
| 1953........ | 5,917,423 | 10j | 59 | 60 | 591,742 | 100,295 | 98,623 |
| 1954........ | 4,859,136 | 8 | 51 | 41 | 607,392 | 95,277 | 118,516 |
| 1955........ | 4,456,578 | 3 | 54 | 52 | 1,485,526 | 82,529 | 85,703 |
| Total....... | 280,146,685 | 1,171 | 3,082 | 4,015 | 239,237 | 90,898 | 69,775 |

a. Including thirty-one deaths caused by the Bellevue Explosion.
b. Including one hundred and eighty-nine deaths caused by the Hillcrest Explosion.
c. Including ten deaths caused by the McGillivray Creek Coal & Coke Co. Ltd. Explosion, and two deaths caused by explosion at the Hillcrest Collieries Ltd. at Hillcrest.
d. Including sixteen deaths caused by the explosion at Lethbridge Colls. Ltd. at Coalhurst.
e. Including five deaths caused by the explosion at Hinton Collieries Ltd.
f. Including four deaths caused by an explosion at North American Colls. Ltd. Western Crown Mine, and twenty-nine deaths caused by an explosion at Brazeau Colls. Ltd. Nordegg.
g. Including four deaths caused by an explosion at the Kerralta Coal Co. Ltd., Lethbridge.
h. Including seven deaths caused by an explosion at Luscar Coals Ltd., Luscar.
i. Including five deaths caused by inundation of water at the Cadomin Coal Co. Ltd., Cadomin, and two deaths caused by "bump" at the McGillivray Creek Coal and Coke Co. Ltd., Coleman.
j. Including five deaths caused by "bump" at Coleman Collieries Ltd. (McGillivray Mine), Coleman.

ACCIDENTS DURING 1955, CLASSIFIED ACCORDING TO THE COAL FIELDS IN WHICH THEY OCCURRED:

| Field | Output | Accidents | | | Tons of coal mined per accident | | |
|---|---|---|---|---|---|---|---|
| | | Fatal | Serious | Slight | Fatal | Serious | Slight |
| Bituminous............ | 2,114,892 | ... | 36 | 32 | ... | 58,747 | 66,090 |
| Sub-bituminous........ | 2,341,686 | 3 | 18 | 20 | 780,562 | 130,094 | 117,084 |
| Total................ | 4,456,578 | 3 | 54 | 52 | 1,485,526 | 82,529 | 85,703 |

COMPARISON OF PROTECTIVE CLOTHING USED FOR THE YEARS 1953, 1954 AND 1955.

| | 1953 | 1954 | 1955 |
|---|---|---|---|
| Hard Hats............ | 3,737 | 3,132 | 2,791 |
| Safety Shoes, pairs... | 2,785 | 2,605 | 2,301 |
| Goggles, pairs........ | 396 | 422 | 325 |
| Knee Pads, pairs...... | 153 | 256 | 115 |

Comparison of Accidents per 1,000,000 tons and per 1,000 men employed, 1915-1955.

| Year | Tonnage | Total No. of men employed | Fatal Accidents |  |  | Serious Accidents |  |  | Slight Accidents |  |  | Total |  |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  | No. | Per 1,000,000 tons | Per 1,000 men employed | No. | Per 1,000,000 tons | Per 1,000 men employed | No. | Per 1,000,000 tons | Per 1,000 men employed | No. | Per 1,000,000 tons | Per 1,000 men employed |
| 1915 | 3,434,891 | 6,445 | 18 | 5.24 | 2.79 | 33 | 9.63 | 5.12 | 33 | 9.63 | 5.12 | 84 | 24.45 | 13.03 |
| 1916 | 4,538,604 | 7,570 | 20 | 4.31 | 2.64 | 51 | 10.99 | 6.74 | 34 | 7.33 | 4.49 | 105 | 22.61 | 13.87 |
| 1917 | 4,863,414 | 8,310 | 24 | 4.93 | 2.88 | 62 | 12.75 | 7.46 | 39 | 8.02 | 4.69 | 125 | 25.91 | 15.04 |
| 1918 | 6,148,620 | 8,818 | 22 | 3.57 | 2.51 | 60 | 9.95 | 6.84 | 77 | 12.52 | 7.78 | 159 | 25.85 | 18.12 |
| 1919 | 5,022,412 | 7,573 | 21 | 4.18 | 2.78 | 56 | 11.15 | 7.39 | 54 | 10.75 | 7.13 | 131 | 26.28 | 17.30 |
| 1920 | 6,908,923 | 9,688 | 29 | 4.20 | 2.99 | 53 | 7.81 | 6.10 | 38 | 5.50 | 4.37 | 120 | 17.37 | 13.81 |
| 1921 | 5,927,195 | 10,018 | 21 | 3.54 | 2.10 | 64 | 10.78 | 6.39 | 25 | 4.23 | 2.50 | 110 | 18.53 | 10.99 |
| 1922 | 5,976,432 | 8,747 | 35 | 5.86 | 4.09 | 38 | 6.36 | 4.45 | 35 | 5.86 | 4.09 | 108 | 18.07 | 12.64 |
| 1923 | 6,866,923 | 9.927 | 22 | 3.19 | 2.21 | 44 | 6.39 | 4.43 | 10 | 1.45 | 1.00 | 76 | 11.07 | 7.65 |
| 1924 | 5,203,713 | 7,317 | 21 | 4.03 | 2.86 | 42 | 8.07 | 5.74 | 40 | 7.68 | 5.47 | 103 | 19.79 | 14.35 |
| 1925 | 5,883,394 | 8,774 | 30 | 5.10 | 3.40 | 59 | 10.03 | 3.42 | 56 | 9.52 | 6.38 | 145 | 24.65 | 16.53 |
| 1926 | 6,508,908 | 8,763 | 39c | 5.99 | 4.99 | 67 | 10.29 | 7.65 | 119 | 10.33 | 13.58 | 225 | 34.57 | 25.68 |
| 1927 | 6,936,780 | 9,016 | 26 | 2.88 | 2.88 | 76 | 10.96 | 8.43 | 115 | 16.50 | 12.71 | 217 | 31.28 | 24.06 |
| 1928 | 7,334,179 | 9,496 | 28 | 2.96 | 2.96 | 71 | 9.68 | 7.48 | 122 | 13.63 | 12.85 | 221 | 30.12 | 23.27 |
| 1929 | 7,147,250 | 9,572 | 31 | 3.24 | 3.24 | 69 | 9.65 | 7.21 | 98 | 12.71 | 10.24 | 198 | 27.70 | 20.30 |
| 1930 | 5,755,911 | 8,889 | 11 | 1.91 | 1.24 | 69 | 11.99 | 7.76 | 97 | 17.20 | 10.90 | 177 | 30.75 | 19.91 |
| 1931 | 4,563,309 | 8,070 | 16 | 3.51 | 1.98 | 75 | 16.44 | 9.27 | 73 | 16.00 | 9.04 | 164 | 35.92 | 20.32 |
| 1932 | 4,867,984 | 7,837 | 11 | 2.26 | 1.40 | 61 | 12.53 | 7.78 | 96 | 19.72 | 12.23 | 168 | 34.51 | 21.43 |
| 1933 | 4,714,784x | 8,042 | 6 | 1.27 | .75 | 60 | 12.73 | 7.46 | 109 | 20.99 | 13.55 | 175 | 37.12 | 21.76 |
| 1934 | 4,748,848x | 7,863 | 15 | 3.14 | 1.91 | 68 | 14.31 | 8.65 | 70 | 14.74 | 8.90 | 153 | 32.21 | 19.45 |
| 1935 | 5,462,973x | 7,800 | 35d | 6.40 | 4.47 | 66 | 12.08 | 8.44 | 113 | 20.68 | 14.44 | 214 | 39.17 | 27.35 |
| 1936 | 5,696,375x | 8,110 | 11 | 1.93 | 1.36 | 79 | 13.87 | 9.74 | 101 | 17.73 | 12.45 | 191 | 33.53 | 23.55 |
| 1937 | 5,551,682x | 7,836 | 20 | 3.60 | 2.55 | 72 | 12.97 | 9.19 | 73 | 13.15 | 9.32 | 165 | 29.72 | 21.06 |
| 1938 | 5,230,015x | 7,411 | 21e | 4.01 | 2.83 | 72 | 13.76 | 9.71 | 135 | 25.81 | 18.21 | 228 | 43.59 | 30.76 |
| 1939 | 5,518,105x | 7,456 | 17 | 3.08 | 2.27 | 57 | 10.33 | 7.64 | 180 | 32.60 | 24.14 | 254 | 46.03 | 34.06 |
| 1940 | 6,205,088x | 7,416 | 13 | 2.10 | 1.76 | 79 | 12.73 | 10.65 | 97 | 15.63 | 13.08 | 189 | 30.46 | 25.48 |
| 1941 | 6,970,064x | 7,714 | 48f | 6.80 | 6.22 | 78 | 11.19 | 10.11 | 142 | 20.37 | 18.41 | 268 | 38.73 | 34.74 |
| 1942 | 7,754,279x | 8,040 | 17 | 2.19 | 2.11 | 92 | 11.86 | 11.44 | 148 | 19.09 | 18.40 | 257 | 33.14 | 31.95 |
| 1943 | 7,677,982x | 8,636 | 25g | 3.26 | 2.87 | 73 | 9.51 | 8.45 | 152 | 19,80 | 17.60 | 250 | 32.56 | 28.95 |
| 1944 | 7,427,433x | 8,375 | 10 | 1.34 | 1.19 | 70 | 9.42 | 8.35 | 125 | 16.83 | 14.92 | 205 | 27.60 | 24.47 |
| 1945 | 7,801,248x | 8,309 | 23h | 2.93 | 2.76 | 51 | 6.53 | 6.13 | 168 | 21.53 | 20.24 | 243 | 31.02 | 29.12 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1946.................... | 8,824,455x | 8,583 | 12 | 1.36 | 1.39 | 76 | 8.61 | 8.85 | 128 | 14.50 | 14.91 | 216 | 24.47 | 25.16 |
| 1947.................... | 8,074,596x | 8,772 | 15 | 1.86 | 1.71 | 121 | 14.98 | 13.79 | 117 | 14.49 | 13.33 | 253 | 31.33 | 28.84 |
| 1948.................... | 8,111,013x | 8,865 | 13 | 1.60 | 1.47 | 91 | 11.22 | 10.27 | 93 | 11.47 | 10.49 | 197 | 24.29 | 22.22 |
| 1949.................... | 8,616,983x | 8,682 | 13 | 1.51 | 1.50 | 89 | 10.33 | 10.25 | 108 | 12.53 | 12.44 | 210 | 24.37 | 24.19 |
| 1950.................... | 8,118,206x | 7,999 | 20i | 2.46 | 2.50 | 86 | 10.59 | 10.85 | 97 | 11.95 | 12.13 | 203 | 25.01 | 25.38 |
| 1951.................... | 7,661,276x | 7,339 | 9 | 1.17 | 1.23 | 85 | 11.09 | 11.58 | 53 | 6.92 | 7.22 | 147 | 19.19 | 20.03 |
| 1952.................... | 7,194,472x | 6,936 | 7 | .97 | 1.01 | 79 | 10.98 | 11.39 | 79 | 10.98 | 11.39 | 165 | 22.93 | 23.79 |
| 1953.................... | 5,917,423x | 5,760 | 10j | 1.69 | 1.74 | 59 | 9.97 | 10.24 | 60 | 10.14 | 10.42 | 129 | 21.80 | 22.40 |
| 1954.................... | 4,859,136x | 4,719 | 8 | 1.65 | 1.70 | 51 | 10.49 | 10.81 | 41 | 8.43 | 8.69 | 100 | 20.50 | 21.19 |
| 1955.................... | 4,456,578x | 3,801 | 3 | 0.67 | 0.79 | 54 | 12.12 | 14.21 | 52 | 11.67 | 13.68 | 109 | 24.46 | 28.68 |

c. Including 10 deaths by explosion at McGillivray Creek Coal & Coke Co. Ltd., Coleman.

d. Including 16 deaths by explosion at Lethbridge Collieries Ltd., Coalhurst.

e. Including 5 deaths by explosion at Hinton Collieries Ltd., Hinton.

f. Including 4 deaths by explosion at North American Collieries Ltd., East Coulee, and 29 deaths by explosion at Brazeau Collieries Ltd., Nordegg.

g. Including 4 deaths caused by explosion at the Kerralta Coal Co. Ltd., Lethbridge.

h. Including 7 deaths caused by explosion at the Luscar Coals Ltd., Luscar.

i. Including 5 deaths caused by inundation of water at the Cadomin Coal Co. Ltd., Cadomin, and 2 deaths caused by "bump" at the McGillivray Creek Coal & Coke Co. Ltd., Coleman.

j. Including 5 deaths caused by "bump" at the Coleman Collieries Ltd., (McGillivray Mine), Coleman.

x Output does not include coal produced by farmers under permit.

Number of Tons Produced Per Accident:

BITUMINOUS COAL FIELD

| Area | Output | Average No. of men Employed | No. of tons produced per accident | | | |
|---|---|---|---|---|---|---|
| | | | Fatal | Serious | Slight | Total |
| Group 1: | | | | | | |
| Cascade............. | 201,513 | 273 | ..... | 50,378 | 40,303 | 22,390 |
| Nordegg............. | 3,396 | 15 | ..... | ..... | ..... | ..... |
| Group 2: | | | | | | |
| Crowsnest........... | 1,156,119 | 1,030 | ..... | 77,075 | 105,102 | 44,466 |
| Mountain Park....... | 178,335 | 87 | ..... | ..... | ..... | ..... |
| Group 3: | | | | | | |
| Coalspur............ | 405,104 | 425 | ..... | 50,638 | 45,012 | 23,830 |
| Halcourt............ | 960 | 3 | ..... | ..... | ..... | ..... |
| Lethbridge.......... | 161,553 | 313 | ..... | 20,194 | 23,079 | 10,770 |
| Pekisko............. | 5,175 | 7 | ..... | ..... | ..... | ..... |
| Pincher............. | 108 | 3 | ..... | ..... | ..... | ..... |
| Prairie Creek....... | 419 | 3 | ..... | ..... | ..... | ..... |
| Saunders............ | 2,210 | 10 | ..... | 2,210 | ..... | 2,210 |
| Total............... | 2,114,892 | 2,169 | ..... | 58,747 | 66,090 | 31,101 |

SUB-BITUMINOUS COAL FIELD

| | | | | | | |
|---|---|---|---|---|---|---|
| Group 4: | | | | | | |
| Ardley.............. | 63,447 | 17 | ..... | ..... | ..... | ..... |
| Big Valley.......... | 1,745 | 5 | ..... | ..... | ..... | ..... |
| Brooks.............. | 54,003 | 26 | ..... | ..... | ..... | ..... |
| Carbon.............. | 53,086 | 42 | ..... | ..... | ..... | ..... |
| Champion............ | 6,563 | 11 | ..... | ..... | ..... | ..... |
| Drumheller.......... | 933,957 | 1,137 | 933,957 | 51,887 | 51,887 | 25,242 |
| Edmonton............ | 218,259 | 128 | ..... | ..... | 218,259 | 218,259 |
| Gleichen............ | 8,534 | 20 | ..... | ..... | ..... | ..... |
| Pembina............. | 195,804 | 51 | 195,804 | ..... | ..... | 195,804 |
| Taber............... | 45,627 | 17 | ..... | ..... | ..... | ..... |
| Whitecourt.......... | 733 | 1 | ..... | ..... | ..... | |
| Group 5: | | | | | | |
| Camrose............. | 46,119 | 22 | ..... | ..... | ..... | ..... |
| Castor.............. | 530,464 | 85 | ..... | ..... | 530,464 | 530,464 |
| Pakowki............. | 20 | 1 | ..... | ..... | ..... | ..... |
| Redcliff............ | 4,432 | 7 | 4,432 | ..... | ..... | 4,432 |
| Sheerness........... | 112,551 | 38 | ..... | ..... | ..... | ..... |
| Tofield............. | 56,970 | 19 | ..... | ..... | ..... | ..... |
| Westlock............ | 9,372 | 5 | ..... | ..... | ..... | ..... |
| Total............... | 2,341,686 | 1,632 | 780,562 | 130,094 | 117,084 | 57,114 |

SUMMARY

| | | | | | | |
|---|---|---|---|---|---|---|
| Bituminous.......... | 2,114,892 | 2,169 | ..... | 58,747 | 66,090 | 31,101 |
| Sub-bituminous...... | 2,341,686 | 1,632 | 780,562 | 130,094 | 117,084 | 57,114 |
| Total............... | 4,456,578 | 3,801 | 1,485,526 | 82,529 | 85,703 | 40,886 |

Classification of Accidents according to output of mines which produced during the year 1955:

| Accidents | Under 1,000 tons | 1,000 to 5,000 tons | 5,000 to 10,000 tons | 10,000 to 50,000 tons | 50,000 to 100,000 tons | 100,000 to 150,000 tons | 150,000 to 200,000 tons | 200,000 to 300,000 tons | Over 300,000 tons | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| Fatal............... | .... | .... | 1 | .... | .... | 1 | 1 | .... | .... | 3 |
| Serious............ | .... | 1 | .... | 4 | 17 | 8 | 1 | 18 | 5 | 54 |
| Slight............. | .... | .... | .... | 5 | 23 | 5 | 1 | 14 | 4 | 52 |
| Total.............. | .... | 1 | 1 | 9 | 40 | 14 | 3 | 32 | 9 | 109 |

Tons of Coal Produced per Accident:

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Fatal............... | .... | .... | 89,344 | .... | .... | 495,243 | 690,005 | .... | .... | 1,485,526 |
| Serious............ | .... | 71,741 | .... | 125,041 | 43,062 | 61,905 | 690,005 | 65,832 | 136,528 | 82,529 |
| Slight............. | .... | .... | .... | 100,033 | 31,828 | 99,049 | 690,005 | 84,641 | 170,660 | 85,703 |
| Total.............. | .... | 71,741 | 89,344 | 55,574 | 18,301 | 35,375 | 230,002 | 37,030 | 75,849 | 40,886 |

## FATAL ACCIDENTS IN MINES

Ambrose Paquette, Tipple Worker, 58, on February 11th, at the mine operated by Alberta Southern Coal Co. Ltd., Wabamun. While handling brake on box car in tipple yard, he in some manner fell to the ground, receiving fatal injuries.

Bernard Doucette, Motorman, 20, on August 8th, in the mine operated by Amalgamated Coals Ltd., Drumheller. While bringing out loads from No. 5 Entry off 9 Butt Entry, 4 South, Slant No. 2, the motor and four cars jumped the track at the switch, and he either fell or jumped from the motor and was caught under the first loaded car, receiving fatal injuries.

Frank Yanos, Miner, 55, on October 1st, at the mine operated by Ajax Coal Company, Medicine Hat. While riding up from the mine on loaded car, he jumped from it at the tipple and was pinned under it, receiving head, chest and internal injuries, the effects from which he died on October 13th.

In addition to the above, the following deaths occurred which were not classified as mine fatalities:

John Meili, Lampman, 63, on January 13th, at the mine operated by Canmore Mines Ltd., Canmore. He collapsed and died due to natural causes while on his way to the car parking area upon completion of his shift.

August Niemi, Miner, 54, on February 15th, at the mine operated by Canmore Mines Ltd., Canmore. He collapsed and died due to natural causes in 3 Pillar, 7 Jig, Cairnes Seam, No. 3 Mine.

Joseph Olajos, Driver, 20, on March 7th, in the mine operated by Lethbridge Collieries Ltd., Shaughnessy. He complained of not feeling well and while on his way home, he collapsed and died in No. 1 Butt Entry, 3rd N.W. Death was due to natural causes.

Nick Rohovei, Miner, 61, on May 2nd, in the mine operated by Lethbridge Collieries Ltd., Lethbridge. He collapsed and died due to natural causes, inside slant between 4 and 5 Butts, off 5 Face, 2nd N.E.

Henry Eysackers, Haulageman, 54, on May 9th, in the mine operated by Coleman Collieries Ltd., Coleman. He collapsed and died due to natural causes in 16 Chute, 4 Level.

## FATAL ACCIDENTS IN QUARRIES

Stanley Jeffery, Shovel Operator, 33, on September 6th, at the quarry operated by Canada Cement Co. Ltd., Exshaw. He dug into an unexploded stick of dynamite in upper quarry, and the rock from the resultant explosion fell on cab of shovel he was operating, causing instantaneous death.

## ACCIDENTS AS THEY OCCURRED BY MONTHS DURING THE YEAR 1955

| Months | Above Ground | | | | Below Ground | | | | Total Above and Below Ground |
|---|---|---|---|---|---|---|---|---|---|
| | Fatal | Serious | Slight | Total | Fatal | Serious | Slight | Total | |
| January | ... | ... | 2 | 2 | ... | 3 | 6 | 9 | 11 |
| February | 1 | 1 | 1 | 3 | ... | 7 | 3 | 10 | 13 |
| March | ... | 1 | 1 | 2 | ... | 3 | 1 | 4 | 6 |
| April | ... | ... | 1 | 1 | ... | 5 | 4 | 9 | 10 |
| May | ... | ... | ... | ... | ... | 3 | ... | 3 | 3 |
| June | ... | 1 | 1 | 2 | ... | 2 | 6 | 8 | 10 |
| July | ... | ... | ... | ... | ... | 3 | 2 | 5 | 5 |
| August | ... | ... | 1 | 1 | 1 | 4 | 4 | 9 | 10 |
| September | ... | ... | 2 | 2 | ... | 2 | 2 | 4 | 6 |
| October | 1 | 1 | ... | 2 | ... | 6 | 2 | 8 | 10 |
| November | ... | 2 | 1 | 3 | ... | 7 | 6 | 13 | 16 |
| December | ... | ... | ... | ... | ... | 3 | 6 | 9 | 9 |
| Total | 2 | 6 | 10 | 18 | 1 | 48 | 42 | 91 | 109 |

## ACCIDENTS OCCURRING IN THE PROVINCE ABOVE AND BELOW GROUND DURING THE YEAR 1955

| Causes | Above Ground | | | | Below Ground | | | | Total Above and Below Ground |
|---|---|---|---|---|---|---|---|---|---|
| | Fatal | Serious | Slight | Total | Fatal | Serious | Slight | Total | |
| Box Car Handling | 1 | 2 | 1 | 4 | ... | ... | ... | ... | 4 |
| Bucking Coal | ... | ... | ... | ... | ... | 1 | ... | 1 | 1 |
| Chute Loading | ... | ... | ... | ... | ... | 1 | 1 | 2 | 2 |
| Coal Cutting Machinery | ... | ... | ... | ... | ... | 1 | ... | 1 | 1 |
| Coupling Cars | ... | ... | 1 | 1 | ... | ... | 1 | 1 | 2 |
| Electricity | ... | ... | ... | ... | ... | ... | 1 | 1 | 1 |
| Explosives | ... | ... | ... | ... | ... | 2 | 1 | 3 | 3 |
| Fall of Coal | ... | ... | ... | ... | ... | 13 | 5 | 18 | 18 |
| Fall of Rock | ... | ... | ... | ... | ... | 9 | 5 | 14 | 14 |
| Haulage | ... | ... | ... | ... | 1 | 12 | 7 | 20 | 20 |
| Loading Coal | ... | ... | ... | ... | ... | 2 | 2 | 4 | 4 |
| Miscellaneous | 1 | 3 | 7 | 11 | ... | 5 | 16 | 21 | 32 |
| Strip Mining | ... | ... | 1 | 1 | ... | ... | ... | ... | 1 |
| Timbering | ... | ... | ... | ... | ... | 2 | 3 | 5 | 5 |
| Tipple Machinery | ... | 1 | ... | 1 | ... | ... | ... | ... | 1 |
| Total | 2 | 6 | 10 | 18 | 1 | 48 | 42 | 91 | 109 |

Accidents occurring in the Province above and below ground for the year 1955, classified according to the area in which they occurred.

BITUMINOUS

| Area | Above Ground | | | | Below Ground | | | | Total Above and Below Ground |
|---|---|---|---|---|---|---|---|---|---|
| | Fatal | Serious | Slight | Total | Fatal | Serious | Slight | Total | |
| Cascade | .. | 1 | 1 | 2 | .. | 3 | 4 | 7 | 9 |
| Crowsnest | .. | 4 | 3 | 7 | .. | 11 | 8 | 19 | 26 |
| Coalspur | .. | .. | 3 | 3 | .. | 8 | 6 | 14 | 17 |
| Lethbridge | .. | .. | .. | .. | .. | 8 | 7 | 15 | 15 |
| Saunders | .. | .. | .. | .. | .. | 1 | .. | 1 | 1 |
| Total | .. | 5 | 7 | 12 | .. | 31 | 25 | 56 | 68 |

SUB-BITUMINOUS

| Area | Above Ground | | | | Below Ground | | | | Total Above and Below Ground |
|---|---|---|---|---|---|---|---|---|---|
| | Fatal | Serious | Slight | Total | Fatal | Serious | Slight | Total | |
| Drumheller | .. | 1 | 2 | 3 | 1 | 17 | 16 | 34 | 37 |
| Edmonton | .. | .. | .. | .. | .. | .. | 1 | 1 | 1 |
| Pembina | 1 | .. | .. | 1 | .. | .. | .. | .. | 1 |
| Castor | .. | .. | 1 | 1 | .. | .. | .. | .. | 1 |
| Redcliff | 1 | .. | .. | 1 | .. | .. | .. | .. | 1 |
| Total | 2 | 1 | 3 | 6 | 1 | 17 | 17 | 35 | 41 |

Classification of Accidents according to the Coal Fields in which they Occurred.

BITUMINOUS

| Causes | Above Ground |  |  |  | Below Ground |  |  |  | Total Above and Below Ground |
|---|---|---|---|---|---|---|---|---|---|
|  | Fatal | Serious | Slight | Total | Fatal | Serious | Slight | Total |  |
| Rope Haulage, caught between car and prop | ... | ... | ... | ... | ... | 1 | 1 | 2 | 2 |
| Rope Haulage, leg squeezed between car and rope | ... | ... | ... | ... | ... | 1 | ... | 1 | 1 |
| Horse Haulage, struck by broken grip bar | ... | ... | ... | ... | ... | 1 | ... | 1 | 1 |
| Horse Haulage, fell under car | ... | ... | ... | ... | ... | 1 | ... | 1 | 1 |
| Locomotive Haulage, caught boot under derailed motor | ... | ... | ... | ... | ... | ... | 1 | 1 | 1 |
| Locomotive Haulage, foot squeezed between locomotive and car | ... | ... | ... | ... | ... | 1 | ... | 1 | 1 |
| Fall of rock in entry | ... | ... | ... | ... | ... | 1 | ... | 1 | 1 |
| Fall of rock in room | ... | ... | ... | ... | ... | 2 | 1 | 3 | 3 |
| Fall of rock in pillar | ... | ... | ... | ... | ... | 3 | ... | 3 | 3 |
| Fall of coal in entry | ... | ... | ... | ... | ... | 1 | ... | 1 | 1 |
| Fall of coal in room | ... | ... | ... | ... | ... | 5 | 3 | 8 | 8 |
| Fall of coal in pillar | ... | ... | ... | ... | ... | 5 | ... | 5 | 5 |
| Loading Coal, squeezed between car and coal | ... | ... | ... | ... | ... | 1 | ... | 1 | 1 |
| Loading Coal, piece of coal struck finger | ... | ... | ... | ... | ... | ... | 1 | 1 | 1 |
| Strip Mining, struck by falling rock | ... | ... | 1 | 1 | ... | ... | ... | ... | 1 |
| Box-car Handling, fell off car | ... | 1 | 1 | 2 | ... | ... | ... | ... | 2 |
| Tipple Machinery, caught between belt and pulley | ... | 1 | ... | 1 | ... | ... | ... | ... | 1 |
| Timbering, struck by falling timber | ... | ... | ... | ... | ... | ... | 2 | 2 | 2 |
| Coal-cutting Machinery, struck by falling coal | ... | ... | ... | ... | ... | 1 | ... | 1 | 1 |
| Bucking Coal, foot caught between lumps of coal | ... | ... | ... | ... | ... | 1 | ... | 1 | 1 |
| Explosives, struck by flying coal | ... | ... | ... | ... | ... | 2 | 1 | 3 | 3 |
| Coupling Cars, thumb caught between bumpers | ... | ... | 1 | 1 | ... | ... | ... | ... | 1 |
| Chute Loading, caught finger between lumps of coal | ... | ... | ... | ... | ... | 1 | ... | 1 | 1 |
| Chute Loading, fell into chute | ... | ... | ... | ... | ... | ... | 1 | 1 | 1 |
| Electricity, lunch bucket contacted loose wire, causing short circuit | ... | ... | ... | ... | ... | ... | 1 | 1 | 1 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Miscellaneous, caught finger while moving rails | ... | ... | ... | ... | ... | ... | 1 | 1 | 1 |
| Miscellaneous, struck by falling timber | ... | ... | ... | ... | ... | 1 | 1 | 2 | 2 |
| Miscellaneous, caught hand between checkboard and prop | ... | ... | ... | ... | ... | ... | 1 | 1 | 1 |
| Miscellaneous, hit by timber dog | ... | ... | ... | ... | ... | ... | 1 | 1 | 1 |
| Miscellaneous, fell while jumping off man-trip | ... | ... | 1 | 1 | ... | ... | ... | ... | 1 |
| Miscellaneous, barrel rolled on foot | ... | ... | 1 | 1 | ... | ... | ... | ... | 1 |
| Miscellaneous, thrown from man-trip | ... | 2 | ... | 2 | ... | ... | ... | ... | 2 |
| Miscellaneous, pipe struck hand | ... | ... | ... | ... | ... | ... | 1 | 1 | 1 |
| Miscellaneous, leg caught between cars | ... | ... | ... | ... | ... | 1 | ... | 1 | 1 |
| Miscellaneous, arm twisted against roof | ... | ... | ... | ... | ... | ... | 1 | 1 | 1 |
| Miscellaneous, caught hand between piece of coal and car | ... | ... | ... | ... | ... | ... | 1 | 1 | 1 |
| Miscellaneous, struck by moving car | ... | ... | ... | ... | ... | 1 | ... | 1 | 1 |
| Miscellaneous, slipped and fell | ... | 1 | 2 | 3 | ... | ... | 6 | 6 | 9 |
| Total | ... | 5 | 7 | 12 | ... | 31 | 25 | 56 | 68 |

SUB-BITUMINOUS

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Rope Haulage, arm squeezed between car and chain | ... | ... | ... | ... | ... | 1 | ... | 1 | 1 |
| Rope Haulage, caught hand between car and door | ... | ... | ... | ... | ... | 1 | ... | 1 | 1 |
| Horse Haulage, caught foot under derailed car | ... | ... | ... | ... | ... | ... | 1 | 1 | 1 |
| Hand Haulage, caught hand between sprag and car | ... | ... | ... | ... | ... | ... | 1 | 1 | 1 |
| Hand Haulage, mine car fell on foot | ... | ... | ... | ... | ... | ... | 2 | 2 | 2 |
| Hand Haulage, struck by piece of coal | ... | ... | ... | ... | ... | 1 | ... | 1 | 1 |
| Locomotive Haulage, caught finger in coupling | ... | ... | ... | ... | ... | 1 | ... | 1 | 1 |
| Locomotive Haulage, squeezed between car and post | ... | ... | ... | ... | ... | 3 | ... | 3 | 3 |
| Locomotive Haulage, twisted wrist while bringing trip to stop | ... | ... | ... | ... | ... | ... | 1 | 1 | 1 |
| Locomotive Haulage, run over by loaded car | ... | ... | ... | ... | 1 | ... | ... | 1 | 1 |
| Fall of rock in entry | ... | ... | ... | ... | ... | 2 | 1 | 3 | 3 |
| Fall of rock in room | ... | ... | ... | ... | ... | 1 | 3 | 4 | 4 |
| Fall of coal in room | ... | ... | ... | ... | ... | 2 | 2 | 4 | 4 |
| Loading Coal, hand caught between lumps of coal | ... | ... | ... | ... | ... | 1 | 1 | 2 | 2 |
| Box-car Handling, fell off box-car | 1 | ... | ... | 1 | ... | ... | ... | ... | 1 |
| Box-car Handling, box-car ran over leg | ... | 1 | ... | 1 | ... | ... | ... | ... | 1 |
| Timbering, caught finger between jacks | ... | ... | ... | ... | ... | ... | 1 | 1 | 1 |
| Timbering, leg struck by rolling timber | ... | ... | ... | ... | ... | 1 | ... | 1 | 1 |
| Timbering, struck by falling prop | ... | ... | ... | ... | ... | 1 | ... | 1 | 1 |
| Coupling Cars, hand squeezed between cars | ... | ... | ... | ... | ... | ... | 1 | 1 | 1 |
| Miscellaneous, struck by piece of rock on Joy Boom | ... | ... | ... | ... | ... | ... | 1 | 1 | 1 |
| Miscellaneous, dropped rail on foot | ... | ... | ... | ... | ... | 2 | ... | 2 | 2 |
| Miscellaneous, caught finger while repairing machine | ... | ... | 1 | 1 | ... | ... | ... | ... | 1 |
| Miscellaneous, caught foot under derailed car | ... | ... | ... | ... | ... | ... | 1 | 1 | 1 |
| Miscellaneous, fell under moving car | 1 | ... | ... | 1 | ... | ... | ... | ... | 1 |
| Miscellaneous, slipped and fell | ... | ... | 2 | 2 | ... | ... | 1 | 1 | 3 |
| Total | 2 | 1 | 3 | 6 | 1 | 17 | 17 | 35 | 41 |

SUMMARY

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Bituminous | ... | 5 | 7 | 12 | ... | 31 | 25 | 56 | 68 |
| Sub-bituminous | 2 | 1 | 3 | 6 | 1 | 17 | 17 | 35 | 41 |
| Total | 2 | 6 | 10 | 18 | 1 | 48 | 42 | 91 | 109 |

Accidents during 1955, classified according to the Mines
in which they Occurred:

BITUMINOUS

| Name of Operator | Area | Above Ground |  |  |  | Below Ground |  |  |  | Total Above and Below Ground |
|---|---|---|---|---|---|---|---|---|---|---|
|  |  | Fatal | Serious | Slight | Total | Fatal | Serious | Slight | Total |  |
| Alexo Coal Company | Saunders | .. | .. | .. | .. | .. | 1 | .. | 1 | 1 |
| Canadian Collieries (Dunsmuir) Limited (771) | Coalspur | .. | .. | .. | .. | .. | 2 | 3 | 5 | 5 |
| Canadian Collieries (Dunsmuir) Limited (846) | Coalspur | .. | .. | 1 | 1 | .. | 6 | 3 | 9 | 10 |
| Canmore Mines Limited | Cascade | .. | 1 | 1 | 2 | .. | 3 | 4 | 7 | 9 |
| Coleman Collieries Limited (204) | Crowsnest | .. | .. | .. | .. | .. | 7 | 2 | 9 | 9 |
| Lethbridge Collieries Limited (1263) | Lethbridge | .. | .. | .. | .. | .. | 1 | 1 | 2 | 2 |
| Lethbridge Collieries Limited (1464) | Lethbridge | .. | .. | .. | .. | .. | 7 | 6 | 13 | 13 |
| Sterling-Coal Valley Mining Company Limited | Coalspur | .. | .. | 2 | 2 | .. | .. | .. | .. | 2 |
| West Canadian Collieries Limited (87) | Crowsnest | .. | 1 | .. | 1 | .. | .. | 3 | 3 | 4 |
| West Canadian Collieries Limited (396) | Crowsnest | .. | 3 | 3 | 6 | .. | 2 | 1 | 3 | 9 |
| West Canadian Collieries Limited (1584) | Crowsnest | .. | .. | .. | .. | .. | 2 | 2 | 4 | 4 |
| Total | ............... | .. | 5 | 7 | 12 | .. | 31 | 25 | 56 | 68 |

SUB-BITUMINOUS

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Ajax Coal Company | Redcliff | 1 | .. | .. | 1 | .. | .. | .. | .. | 1 |
| Alberta Southern Coal Company Limited (419) | Pembina | 1 | .. | .. | 1 | .. | .. | .. | .. | 1 |
| Amalgamated Coals Limited | Drumheller | .. | .. | 1 | 1 | 1 | 2 | .. | 3 | 4 |
| Battle River Coal Company Limited | Castor | .. | .. | 1 | 1 | .. | .. | .. | .. | 1 |
| Brilliant Coal Company Limited | Drumheller | .. | 1 | .. | 1 | .. | 1 | 2 | 3 | 4 |
| Century Coals Limited (422) | Drumheller | .. | .. | .. | .. | .. | 4 | 2 | 6 | 6 |
| Century Coals Limited (1484) | Drumheller | .. | .. | .. | .. | .. | 1 | .. | 1 | 1 |
| Midland Coal Mining Company Limited | Drumheller | .. | .. | .. | .. | .. | 4 | 1 | 5 | 5 |
| Red Deer Valley Coal Company Limited | Drumheller | .. | .. | .. | .. | .. | 3 | 3 | 6 | 6 |
| Saskatchewan Federated Co-operatives Limited | Drumheller | .. | .. | .. | .. | .. | 1 | 2 | 3 | 3 |
| Star Coal Mines Limited | Drumheller | .. | .. | 1 | 1 | .. | 1 | 6 | 7 | 8 |
| Whitemud Creek Coal Company Limited | Edmonton | .. | .. | .. | .. | .. | .. | 1 | 1 | 1 |
| Total | | 2 | 1 | 3 | 6 | 1 | 17 | 17 | 35 | 41 |

SUMMARY

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Bituminous | | .. | 5 | 7 | 12 | .. | 31 | 25 | 56 | 68 |
| Sub-bituminous | | 2 | 1 | 3 | 6 | 1 | 17 | 17 | 35 | 41 |
| Total | | 2 | 6 | 10 | 18 | 1 | 48 | 42 | 91 | 109 |

LIST OF PROSECUTIONS INSTITUTED UNDER THE COAL MINES REGULATION ACT, FOR THE YEAR ENDING DECEMBER 31, 1955.

| Mine in which Contravention was Committed | Description of Defendent | Offence Charged | Result of Proceedings | Penalty | Costs |
|---|---|---|---|---|---|
| ........................ | Pensioner.... | Did mine coal from the earth without the consent of the Director................ | Convicted... | Fined $5.00......... | $2.00 |
| ........................ | Farmer....... | Did mine coal from the earth without the consent of the Director................ | Convicted... | Fined $1.00......... | $3.25 |
| ........................ | Farmer....... | Did mine coal from the earth without the consent of the Director................ | Convicted... | Fined $1.00......... | $3.25 |
| ........................ | Farmer....... | Did mine coal from the earth without the consent of the Director................ | Convicted... | Fined $1.00......... | $3.25 |
| ........................ | Farmer....... | Did mine coal from the earth without the consent of the Director................ | Convicted... | Fined $1.00......... | $3.25 |
| ........................ | School Teacher | Did mine coal from the earth without the consent of the Director................ | Convicted... | Fined $1.00......... | $3.25 |
| ........................ | Farmer....... | Did mine coal from the earth without the consent of the Director................ | Convicted... | Fined $1.00......... | $3.25 |
| ........................ | Contractor... | Did mine coal from the earth without the consent of the Director................ | Convicted... | Fined $5.00......... | $3.50 |
| ........................ | Farmer....... | Did mine coal from the earth without the consent of the Director................ | Convicted... | Fined $1.00......... | $3.00 |
| Yellowhead Hard Coal Co.. | Agent........ | Did fail to forward a monthly statement of production on or before the 15th day of the month for the preceding month.... | Convicted... | Fined $5.00......... | $16.00 |
| Canadian Collieries (Dunsmuir) Ltd. (Mercoal)..... | Examiner..... | Did fail to regulate the quantity of explosives used in one shot hole.......... | Convicted... | Fined $20.00........ | $2.00 |

| | | | | | |
|---|---|---|---|---|---|
| Canadian Collieries (Dunsmuir) Ltd. (Mercoal)..... | Examiner..... | Did fire shots in a coal face which was not properly prepared.................. | Convicted... | Fined $20.00........ | $2.00 |
| Canadian Collieries (Dunsmuir) Ltd. (Mercoal)..... | Examiner..... | Did allow the tamping up of more than four shots at one time, in contravention of an order of the District Inspector.. | Convicted... | Fined $30.00........ | $4.00 |
| Canadian Collieries (Dunsmuir) Ltd. (Mercoal)..... | Miner........ | Did have in his working room near the face, three detonators in a container other than an approved locked box...... | Convicted... | Fined $15.00........ | ..... |
| Canadian Collieries (Dunsmuir) Ltd. (Mercoal)..... | Miner........ | Did have in his working room explosives in an open wooden box.................. | Convicted... | Fined $15.00........ | ..... |
| Canadian Collieries (Dunsmuir) Ltd. (Mercoal)..... | Miner........ | Did have in his possession explosives which were not provided by the owner that day............................. | Convicted... | Fined $20.00........ | $5.00 |
| Canadian Collieries (Dunsmuir) Ltd. (Mercoal)..... | Miner........ | Did have in his possession explosives which were not provided by the owner that day............................. | Convicted... | Fined $20.00........ | $5.00 |
| Canadian Collieries (Dunsmuir) Ltd. (Mercoal)..... | Miner........ | Did have in his working room explosives in an open wooden box.................. | Convicted... | Fined $15.00........ | ..... |
| Canadian Collieries (Dunsmuir) Ltd.,(Mercoal)..... | Miner........ | Did have in his working room near the face, three detonators in a container other than an approved locked box...... | Convicted... | Fined $15.00........ | ..... |
| Long Coal Company........ | Salvager..... | Did fail to comply with an order given by the District Inspector.............. | Convicted... | Fined $20.00........ | $5.00 |

| | | | | | |
|---|---|---|---|---|---|
| Willow Valley Coal Company | Owner....... | Did fail to forward a monthly statement of production on or before the 20th day of the month for the preceding month.... | Convicted... | Fined $10.00........ | $4.50 |
| Amalgamated Coals Ltd..... | Machineman.. | Did knowingly and will fully cause danger to another employee by impacting a blow on his hand while underground...... | Convicted... | Fined $20.00........ | $2.00 |
| Lethbridge Collieries Ltd. | Overman..... | Did allow a man to mine coal without the necessary certificate.................. | Convicted... | Fined $5.00......... | $2.90 |
| Lethbridge Collieries Ltd. | Manager..... | Did knowingly allow overman to permit men to work at the working face without the necessary certificates.......... | Not Convicted | .................. | ..... |

LIST OF PROSECUTIONS INSTITUTED UNDER THE COAL SALES ACT, FOR THE YEAR ENDING DECEMBER 31, 1955.

| | | | | | |
|---|---|---|---|---|---|
| Murray Collieries Ltd..... | Manager..... | Did pass bottom size lump coal having perforations larger than 4½ inches..... | Convicted... | Fined $25.00........ | $2.50 |

## NUMBER OF MINES OPENED, RE-OPENED, CLOSED AND ABANDONED ACCORDING TO AREAS AND KIND OF COAL DURING THE YEAR.

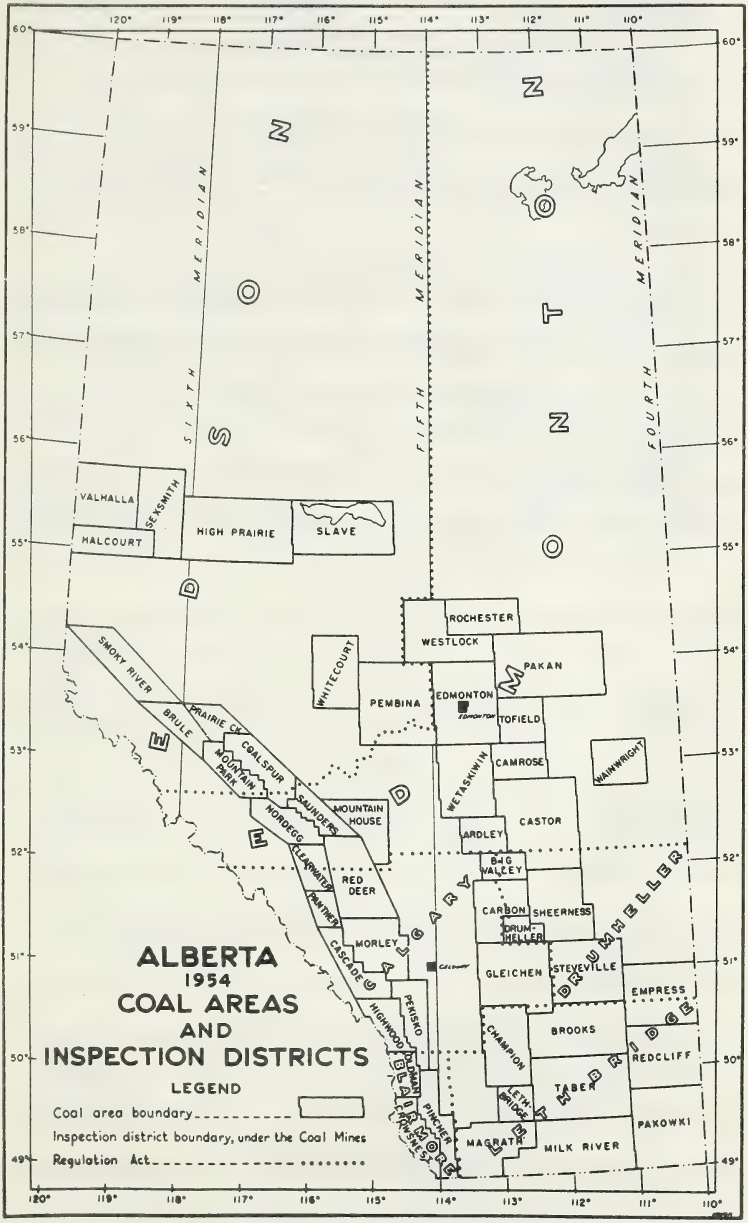
Director of Mines - J.A. Dutton, Provincial Building,
Edmonton, Alberta. Telephone - 22698.

Assistant Director of Mines - J. Horne, Provincial Building,
Edmonton, Alberta. Telephone - 22889.

Electrical Inspector of Mines - B. Tait, Provincial Building,
Edmonton, Alberta. Telephone - 28614.

| Inspection District | Area | Area Number | Character of coal | No. of Mines in operation at Dec. 31/55. | No. of Mines opened during the year. | No. of Mines re-opened during the year. | No. of Mines closed during the year. | No. of Mines abandoned during the year. | Name and Address of District Inspectors of Mines |
|---|---|---|---|---|---|---|---|---|---|
| Blairmore | Crowsnest | 12-13 | Bituminous | 7 | .. | 1 | 1 | .. | P. Melson,<br>Blairmore, Alta.<br>Telephone 2160. |
| | Oldman | 26 | Bituminous | .. | .. | .. | .. | .. | |
| | Pincher | 32 | Bituminous | .. | .. | .. | .. | 1 | |
| Calgary | Big Valley | 2 | Sub-bituminous | 1 | .. | 1 | 1 | .. | A. Muir,<br>Provincial Bldg.,<br>Calgary, Alta.<br>Telephone 28584. |
| | Carbon | 6 | Sub-bituminous | 8 | .. | 3 | 5 | 1 | |
| | Cascade | 7 | Bituminous | 1 | .. | .. | .. | .. | |
| | Gleichen | 17 | Sub-bituminous | 2 | .. | .. | .. | 1 | |
| | Pekisko | 30 | Bituminous | 1 | .. | .. | .. | .. | |
| Drumheller | Big Valley | 2 | Sub-bituminous | 1 | .. | 1 | 1 | .. | R. Shaw,<br>Drumheller, Alta.<br>Telephone 2413. |
| | Drumheller | 14 | Sub-bituminous | 13 | .. | 2 | 7 | 1 | |
| | Sheerness | 38 | Sub-bituminous | 2 | .. | .. | 1 | 1 | |
| Edmonton | Ardley | 1 | Sub-bituminous | 3 | .. | 2 | 2 | .. | J. Thomson,<br>Provincial Bldg.,<br>Edmonton, Alta.<br>Telephone 28612. |
| | Camrose | 5 | Sub-bituminous | 4 | .. | 1 | 1 | .. | |
| | Castor | 8 | Sub-bituminous | 12 | .. | 7 | 11 | .. | |
| | Edmonton | 15 | Sub-bituminous | 9 | .. | 2 | 3 | 3 | |
| | Halcourt | 18 | Bituminous | 1 | .. | 2 | 3 | .. | |
| | Nordegg | 25 | Bituminous | .. | .. | .. | 1 | .. | |
| | Pembina | 31 | Sub-bituminous | 3 | .. | 1 | 2 | .. | |
| | Saunders | 36 | Bituminous | .. | .. | .. | 1 | 1 | |
| | Tofield | 42 | Sub-bituminous | 5 | .. | 5 | 5 | .. | |
| | Westlock | 45 | Sub-bituminous | 2 | .. | 2 | 2 | .. | |
| | Wetaskiwin | 46 | Sub-bituminous | .. | .. | .. | .. | 1 | |
| | No Area | .. | Bituminous | .. | .. | 1 | .. | .. | |
| Edson | Coalspur | 11 | Bituminous | 2 | .. | 1 | .. | 1 | A.L. Lister,<br>Edson, Alta.,<br>Telephone 35 R 3. |
| | Mountain Park | 24 | Bituminous | 1 | .. | .. | .. | .. | |
| | Pembina | 31 | Sub-bituminous | 3 | .. | 1 | 2 | .. | |
| | Prairie Creek | 33 | Bituminous | 1 | .. | .. | 1 | .. | |
| | Whitecourt | 47 | Sub-bituminous | .. | .. | 2 | 2 | .. | |
| | No Area | .. | Bituminous | .. | .. | .. | 1 | 1 | |
| Lethbridge | Brooks | 3 | Sub-bituminous | 2 | .. | 1 | 1 | .. | J.D.B. Brown,<br>Lethbridge, Alta.<br>Telephone 3325. |
| | Champion | 9 | Sub-bituminous | 2 | .. | .. | .. | 1 | |
| | Lethbridge | 20 | Bituminous | 5 | .. | 1 | 2 | 1 | |
| | Pakowki | 28 | Sub-bituminous | .. | .. | .. | 1 | 1 | |
| | Redcliff | 34 | Sub-bituminous | 1 | .. | .. | .. | .. | |
| | Taber | 41 | Sub-bituminous | 1 | 1 | 1 | 3 | 1 | |
| | Total | .. | ............. | 93 | 1 | 38 | 60 | 16 | |

NOTE: 14 mines reported as being closed as at December 31st, 1954, were abandoned in 1955.



ALBERTA
1954
COAL AREAS
AND
INSPECTION DISTRICTS

LEGEND

Coal area boundary

Inspection district boundary, under the Coal Mines Regulation Act

## BOARD OF EXAMINERS

The Board of Examiners during the year 1955 consisted of the following:

As representing:

The Mine Inspectorate: J. A. Dutton, Director of Mines.
Managers: P. M. Ramsay and A. Crawford.
Working Miners: A. Ragon and H. R. Sherwood.
Secretary: Muriel Roberts.

Mr. A. Crawford resigned from the Board in November after a continuous service of 5 years. As yet no appointment has been made for a replacement.

Examinations for all classes of certificates except First Class and Strip Mine Manager, were held at Blairmore, Calgary, Drumheller and Edmonton on May 31st, June 1st, 2nd, 3rd and 16th, the results of which are as follows:

One candidate presented himself for examination for Second Class Certificates, and he was successful.

Three candidates presented themselves for examination for Third Class Certificates, of whom two were successful.

Two candidates presented themselves for examination for Mine Surveyors' Certificates, of whom one was successful.

Three candidates presented themselves for examination for First Class Mine Electricians' Certificates, of whom two were successful.

One candidate presented himself for examination for Second Class Mine Electricians' Certificates, and he was successful.

Five candidates presented themselves for examination for Foremen's Certificates, all of whom were successful.

Two candidates presented themselves for examination for Strip Mine Blasters' Certificates, one of whom was successful.

The list following herewith gives names of successful candidates for all classes of certificates issued by the Government of the Province of Alberta during the year 1955.

### SECOND CLASS

| Name | Address | Cert. No. | Date of Certificate |
|---|---|---|---|
| Brzuskiewicz, Stefan | Edmonton | 30 | 21- 6-55 |

### THIRD CLASS

| Name | Address | Cert. No. | Date of Certificate |
|---|---|---|---|
| Binder, Christopher | Ryley (Duplicate) | 122 | 29- 8-55 |
| Harries, Cledwyn G. | Western Monarch | 120 | 21- 6-55 |
| O'Dwyer, Harold A. | Wayne | 121 | 21- 6-55 |

### MINE SURVEYOR

| Name | Address | Cert. No. | Date of Certificate |
|---|---|---|---|
| Maschio, Angelo V. | Canmore | 29 | 21- 6-55 |

### FIRST CLASS MINE ELECTRICIAN

| Name | Address | Cert. No. | Date of Certificate |
|---|---|---|---|
| Daintith, Joseph | Camrose | 27 | 21- 6-55 |
| Webster, William H. | Rosedale | 28 | 21- 6-55 |

### SECOND CLASS MINE ELECTRICIAN

| Name | Address | Cert. No. | Date of Certificate |
|---|---|---|---|
| Zelenak, John | Mercoal | 18 | 21- 6-55 |

## FOREMAN

| | | | |
|---|---|---|---|
| Binder, Christopher | Ryley (Duplicate) | 142 | 29- 8-55 |
| Giza, Joseph** | Blairmore | 137 | 21- 6-55 |
| Harries, John | East Coulee | 138 | 21- 6-55 |
| Watson, Leonard A. | Big Valley | 139 | 21- 6-55 |
| Watt, Robert M. | Langford Park | 140 | 21- 6-55 |
| Zemek, Joseph | Frank | 141 | 21- 6-55 |

## STRIP MINE BLASTER

| | | | |
|---|---|---|---|
| Zemek, Joseph | Frank | 31 | 21- 6-55 |

**Certificate not issued as at December 31st, 1955.

## PARTICULARS RE QUARRY BLASTERS' EXAMINATIONS

Examinations for Quarry Blasters' Certificates were held at Edson and Exshaw on April 12th, August 31st and November 28th. Three candidates presented themselves for examination, all of whom were successful.

The list following herewith gives names of successful candidates for such certificates issued by the Government of the Province of Alberta during the year 1955.

## QUARRY BLASTERS' CERTIFICATES

| Name | Address | Cert. No. | Date of Certificate |
|---|---|---|---|
| Baluch, Steve | Edson | 20 | 2-12-55 |
| MacBeth, Alexander J. | Cadomin | 19 | 6- 9-55 |
| Wilson, Andrew | Exshaw | 18 | 20- 4-55 |

GOVERNMENT OF THE PROVINCE OF ALBERTA

## MINES DIVISION

## EXAMINATIONS UNDER THE COAL MINES REGULATION ACT

### June 1, 2 and 3, 1955

## SECOND CLASS CERTIFICATES

Marks obtainable 200 — Marks required 100
Paper No. 1. — Time—3½ hours.

### THE COAL MINES REGULATION ACT

| | | Values |
|---|---|---|
| 1. | What does Section 135 of the above Act state regarding manholes on slopes and inclines, and maintenance of manholes? | 20 |
| 2. | What does Section 138 of the above Act state regarding drills operated by mechanical power? | 20 |
| 3. | What are the provisions of Regulation (n) of the Electrical Regulations regarding flexible cables for portable apparatus? | 20 |
| 4. | What does Section 61 of the above Act state regarding appointment of examiners and their duties? | 25 |
| 5. | What does Section 82 of the above Act state regarding unused places below ground and apparatus for raising and lowering persons? | 20 |
| 6. | What does Regulation 2 of the Explosives Regulations state regarding explosive magazines for storage? | 25 |
| 7. | What does Rule (4) of Section 149 of the above Act state regarding inspection of machinery and shafts? | 15 |
| 8. | What does Rule (19) of Section 149 of the above Act state regarding safety lamps? | 20 |
| 9. | What are the provisions of Regulation (r) of the Electrical Regulations regarding electricity used for signalling? | 20 |
| 10. | What does Section 157 of the above Act state regarding duties of a driver boss? | 15 |

---

## SECOND CLASS CERTIFICATES

Marks obtainable 200 — Marks required 100
Paper No. 2. — Time—3½ hours.

### GASES, SHOT-FIRING AND SAFETY LAMPS AND VENTILATION

| | | Values |
|---|---|---|
| 1. | A fan produces 30,000 cu. ft. of air per min. with a 2-inch water-gauge. (a) Calculate the horse-power of the ventilation. (b) If the quantity of air is increased to 40,000 cu. ft. per min., what would be the horse-power and water-gauge reading, everything else remaining the same? | 22 |
| 2. | Why is it dangerous to use more than one kind of explosive in the same shot hole? Explain fully. | 17 |
| 3. | If the examiner reported to you as overman that he suspected incipient heating in his district, what would you do and how would you proceed to investigate? If after careful investigation you fail to discover any sign of heating, can you suggest what may have given rise to the false alarm? | 14 |
| 4. | An airway is 6 ft. 3 ins. wide at the floor, 4 ft. 9 ins. wide at the roof and 6 ft. 3 ins. high. The initial reading of the anemometer was 12,345 and the reading at the end of one minute was 12,579. Calculate the quantity and weight of air passing per minute, when the temperature is 60 degrees Fahr. and the barometer reads 30 inches. | 23 |
| 5. | To avoid danger, what precautions are necessary in charging, tamping and firing shots? In case of a miss-fire, what would be your action as required by law? | 18 |
| 6. | Calculate the percentage of hydrogen in methane and the weight of the hydrogen contained in 10 pounds of methane. | 20 |
| 7. | (a) What is meant by the diffusion of gases?<br>(b) State Graham's Law regarding the diffusion of gases.<br>(c) Calculate the rate of diffusion of methane with air. | 22 |
| 8. | The quantity of air entering a mine is 50,000 cu. ft. per min. at a temperature of 40 degrees Fahr. The return quantity is 55,000 cu. ft. per min. at a temperature of 70 degrees Fahr. What would be the cause of this increase in volume? If the increase is due to gas, calculate the percentage of gas. | 23 |
| 9. | (a) Sketch and describe the Wolfe flame type safety lamp.<br>(b) State the basic principle of the flame type safety lamp.<br>(c) Name the gas detectors approved by the Director of Mines for use in mines in the Province. | 18 |
| 10. | State the nature, character and origin of methane and carbon dioxide. | 23 |

## SECOND CLASS CERTIFICATES

Marks obtainable 200 — Marks required 100
Paper No. 3. — Time—3½ hours.

### PRACTICAL WORK, FIRST AID AND MINE RESCUE WORK

Values

1. Sketch an air-crossing. Show how it is constructed and state the materials used in its construction. 20
2. Show the constructional details of a chain suitable for a coal-cutter, and indicate how the picks are arranged and attached to the chain. 18
3. A conical heap of coal is 50 feet in diameter at the base, and 25 feet high. Calculate the weight of the coal in the heap. 42 cu. ft. of broken coal equals 1 ton. 20
4. Considerable trouble is being experienced in the degradation of timbers in some mines, particularly on the return airways. State any methods known to you that could be used to preserve and lengthen the life of such timbers. 18
5. Arched girders have to be set in a main level road where the seam is inclined at 1 in 5. Explain how you would erect the arched supports and keep them in alignment. 22
6. Describe clearly the various causes of accidents at the coal face which may occur to machine attendants. 22
7. (a) How much oxygen per minute does the average normal man require?
   (b) How do you determine the amount of oxygen a McCaa apparatus is furnishing? 18
8. How would you render first aid treatment to a workman suffering from shock due to an accident? 20
9. You are in charge of an underground mine subject to gas outbursts. What in your opinion would you consider a safe practice of mining, where the coal has to be blasted and the coal seam is very friable? 24
10. In mines having extremely tender roof, state what precautions you would adopt when introducing the various types of mining machines, to insure the safety of employees and economy of operation. 18

---

## SECOND CLASS CERTIFICATES

Marks obtainable 200 — Marks required 100
Paper No. 4. — Time—3½ hours.

### MACHINERY

Values

1. At the bottom of a shaft there are two pumps. One a three-throw pump and the other a turbine pump. Compare the merits of the two types of pumps. 18
2. (a) What is a syphon?
   (b) Explain the principle on which it operates.
   (c) How would you start the flow of water through a syphon? 22
3. A sump can be emptied by one pump in 8 hours and by another pump in 12 hours. The mine drainage fills the sump in 18 hours. How long will it take both pumps operating together to empty the sump when full. 18
4. What is the usefulness and purpose of the following electrical equipment?
   (a) Fuse, circuit breaker, voltmeter, ammeter, insulator and conductor.
   (b) Why are high tension circuits usually broken and contacted under oil? 20
5. (a) How can the life of a steel haulage rope be lengthened?
   (b) Describe fully and illustrate by sketches how a hoisting rope is attached to a drum and cage respectively.
   (c) Describe some practical means by which a shaft hoisting rope can be examined for broken wires. 24
6. (a) Describe the procedure of annealing.
   (b) What is the object in view when cage chains and rope caps are annealed? 20
7. The efficiency of an engine is 75 per cent. If it raises a load of 2.5 tons up a shaft 600 ft. in depth in 30 seconds, what is its theoretical power? 18
8. A 16 in. by 24 in. duplex engine (two cylinders) is making 200 strokes per minute. If the steam pressure averages 75 lbs. per sq. in., what is the indicated horse-power of the engine? 18
9. Explain the function of water-jackets, intercoolers and receivers in connection with compressed air plants. 22
10. (a) What is the difference between Kinetic and Potential energy? State examples of each.
    (b) Give examples in which friction is a decided asset and others in which it is detrimental. 20

## SECOND CLASS CERTIFICATES

Marks obtainable 200 Marks required 100
Paper No. 5. Time—3½ hours.

### SURVEYING, LEVELLING AND GEOLOGY

Values

1. With protractor and scale, plot the following closed survey to a scale of 1 inch equals 100 feet:

| | | | |
|---|---|---|---|
| From A | N 25°E | 150 feet | |
| | N 60°E | 200 " | |
| | S 50°E | 220 " | |
| | S 10°W | 180 " | |
| | W | 383 " | to A |

What is the error in feet? Where would you infer from the plotting that it has occurred, and what would you do in the circumstances? 40

2. The sides of a rectangle are in the proportion of 2 to 3, and the area is 210 sq. ft. Find the length of the sides in feet. 20
3. Explain the meaning of the terms "cleat and joint", and state in what respect these may differ from cleavage planes. 20
4. A transit is graduated to ⅓ degrees. It is required to read to ½ minutes. Show calculation for an arrangement wherein n divisions on the vernier equals n+1 divisions on the limb. 25
5. In the ordinary miner's dial, the East mark is to the left of North (the proper geographical position of East and West are reversed.) Why is this? 20
6. After levelling a dip road 600 yards in length with a straight-edge 10 feet long, it is discovered that the straight-edge is one-sixteenth of an inch broader at one end than the other. What would be the error in two levellings, one down, the other up, if the narrower end of the straight-edge were leading in each case? 20
7. From the following notes taken from a field book, find the height of the top of the downcast shaft above datum, and the heights of the various stations given. If the horizontal distance between the shafts is 1,000 feet, find the angle of grade from the downcast to the upcast shaft:

| Sta. | B.S. | H.I. | F.S. | Elev. | Remarks |
|---|---|---|---|---|---|
| B.M. | 4.31 | | | 141.32 | Top of upcast shaft 141.32 ft. above datum |
| A | | | 6.14 | | |
| B | | | 7.32 | | |
| T.P. | | | 12.17 | | |
| C | 2.71 | | 8.11 | | |
| T.P. | | | 10.89 | | |
| B.M. | 3.32 | | 2.78 | | Top of downcast shaft |

35

8. Make neat sketches showing (a) a normal fault (b) a reverse fault (c) a dip fault. 20

---

GOVERNMENT OF THE PROVINCE OF ALBERTA

## MINES DIVISION

## EXAMINATIONS UNDER THE COAL MINES REGULATION ACT

### May 31, 1955

## THIRD CLASS CERTIFICATES

Marks obtainable 200 Marks required 100
Paper No. 1. Time—1½ hours.

### THE COAL MINES REGULATION ACT

Values

1. What does Section 141 of the above Act state regarding mine cars, wooden track and turn-tables? 25
2. What does Section 143 of the above Act state regarding timbering of travelling roads? 20
3. What does Section 143 of the above Act state regarding roof supports at working face? 20
4. What does Rule (12) of Section 149 of the above Act state regarding reports of accidents? 25
5. What does Section 152 state regarding the duties of examiner? 30
6. What does Regulation 20 (f) of the Explosives Regulations state regarding gas detector readings to be taken when delay action detonators are used? 30
7. What does Section 132 of the above Act state regarding precautions to be taken in approaching dangerous accumulations of water or gas? 30
8. What does Section 126 of the above Act state regarding removal of gas accumulation? 20

## THIRD CLASS CERTIFICATES

Marks obtainable 200 Marks required 100
Paper No. 2. Time—2 hours.

### VENTILATION

Values

1. Why is it not safe to pass a current of intake air through the abandoned portions of a mine, and then conduct it to the face of the live workings? 26
2. If it takes a cloud of smoke two minutes to travel a distance of 650 feet in an airway 10 feet wide and 6 feet high, what is the total quantity of air passing per minute? 26
3. If the quantity of air in circulation is 19,500 cubic feet per minute with a water-gauge of 2 inches, what would be the horsepower on the air? 26
4. Name six instruments used in connection with the ventilation of a coal mine. 18
5. As examiner in a gaseous mine, you find one morning:
   (a) a sudden drop in the barometer of one inch. What would you expect to find in the mine during your inspection, and why?
   (b) If you found an increase of one inch in the water-gauge reading, what would you expect to find in the mine during your inspection, and why? 26
6. Sketch and describe a mine regulator. State its purpose. Is there more than one type of regulator? 28
7. From the return airway, two headings on 100 foot centres are to be driven a distance of 200 feet up a pitch of 20 degrees. There is a boarded cross-cut midway between where the headings are to be started. The seam gives off CH4. How would you propose to ventilate the headings? 25
8. What is an overcast, and what is its purpose? Make a neat sketch of an overcast. 25

## THIRD CLASS CERTIFICATES

Marks obtainable 200 Marks required 100
Paper No. 3. Time—1½ hours.

### PRACTICAL WORK

Values

1. Show three methods of timbering a roadway, stating under which conditions each of these would be used. 30
2. Define the terms "cleat", "fault", "dyke" and "washout" as referred to in mining. 25
3. List some alternatives to explosives for bringing down coal with their advantages and disadvantages. 25
4. In sinking a shaft, a feeder of water was encountered necessitating a pump. After installing a 200 gallon per minute pump, the water level in the shaft was reduced 15 feet in 6 hours. What is the rate of inflowing water, if the shaft is 20 feet in diameter? 30
5. What is "roof-bolting"? What principle is involved in this application of roof support? What tools are required to install the bolts? 25
6. What is a "squeeze"? What causes this condition? 20
7. Describe a galvanometer, showing what tests are made with it. 20
8. What is "spontaneous combustion"? What dangers are there in entering a district where it is believed active? 25

## THIRD CLASS CERTIFICATES

Marks obtainable 200 Marks required 100
Paper No. 4. Time—2 hours.

### MINE GASES, SHOT-FIRING, EXPLOSIVES AND SAFETY LAMPS

Values

1. Assuming 13 cu. ft. of air weighs one pound, how many tons of air pass through a mine in eight hours, where the velocity of the air-current is constant at 650 feet per minute in an airway 8 ft. by 10 ft. in cross-section? 17
2. Describe how a chemical compound of gases differs from a mechanical mixture of gases. 20
3. Why is it dangerous to use more than one kind of explosive in the same drill hole? 22
4. When is a "permitted" explosive unsafe? 20
5. Which of the following gases are chemical compounds, and which are mixtures? Carbon dioxide, black-damp, sulphuretted hydrogen, after-damp. 22

6. What defects would you look for when assembling your flame type safety lamp, before taking it into the mine? 29

7. In a mine giving off 2,250 cu. ft. of methane gas per minute, the volume of air entering the mine being 70,000 cu. ft. per minute, what is the percentage of methane gas in the air current at the outlet? 20

8. What are the advantages of firing shots by electricity? 25

9. Explain the meaning of the terms "specific gravity" and "density" as applied to gases. 25

---

GOVERNMENT OF THE PROVINCE OF ALBERTA

## MINES DIVISION

## EXAMINATIONS UNDER THE COAL MINES REGULATION ACT

## June 3, 1955

## MINE SURVEYORS' CERTIFICATES

Marks obtainable 200 Marks required 120
Paper No. 1. Time—3½ hours.

### MINE SURVEYING

Values

1. The following are the co-ordinates of five points A, B, C, D, E. Calculate, without plotting, by two different methods, the area of the closed figure ABCDE.

| | Latitude (ft.) | Departure (ft.) |
|---|---|---|
| A | N 0.00 | W 0.00 |
| B | N 67.30 | E 236.30 |
| C | S 71.00 | E 345.00 |
| D | S 170.60 | E 145.10 |
| E | S 130.20 | E 20.30 |

45

2. The slope of a hill is 10 degrees. A point is taken which is to be 20 feet vertically above the middle point of a projected railway bed to be cut along the side of a hill. The width of the road is to be 16 feet and the slope of its sides 45 degrees. Find the distance on each side of the given point at which the ground must be pegged for cutting, and the area of the cross-section. 30

3. The following are the co-ordinates in feet of the stations in a mine survey, all in relation to the origin A:

| | Latitude (ft.) | Departure (ft.) |
|---|---|---|
| A | 0 | 0 |
| B | N 75 | W 365 |
| C | N 200 | W 320 |
| D | N 425 | W 439 |
| E | N 433 | W 250 |

Plot the above co-ordinates to the scale of 1 inch equals 100 feet. From Station C a roadway has been driven due East, and it is proposed to connect the points A and E by a straight roadway which will intersect the roadway from C at a point X. Find by calculation, the bearing of AE and the distance CX to the nearest foot. 45

4. A pentagon is made of an equilateral triangle with a square on one of its sides. The area of the pentagon is 14.78 sq. ins. What is the length of each side? 20

5. What does—

(a) Section 97 of The Coal Mines Regulation Act state regarding plan of abandoned mine?

(b) Section 100 of The Coal Mines Regulation Act state regarding the return of plan if mine re-opened? 20

6. In the year 1870, the cleavages of the coal at a mine were found to have a magnetic bearing of N 8½°W, and it was decided to drive the wide places at N 81½°E, thus making an angle of 90 degrees with the cleavages of the coal. These wide places are still driven at a bearing of N 81½°E by the use of the magnetic needle. State clearly:

(a) What point has been entirely neglected?

(b) What alteration has been made to the faces and the plan?

(c) What will be the probable result if this is allowed to continue for a large number of years? 30

7. A plan as required by Rule 7 of the Rules Governing Examinations under The Coal Mines Regulation Act, must be handed in to the presiding examiners with the answers to this paper. 10

## MINE SURVEYORS' CERTIFICATES

Marks obtainable 200 — Marks required 120
Paper No. 2. — Time—3½ hours.

### LEVELLING AND GEOLOGY

| | Values |
|---|---|
| 1. The surface area of a colliery leasehold is suffering extensively as a result of the subsidence of the strata due to mining operations. Surveys are to be taken periodically to determine the "extent" and "rate" of subsidence. Describe clearly with aid of sketches, how this would be done and the records that should be kept. | 45 |
| 2. An inclined shaft is being driven in a seam at an inclination of 45 degrees from the horizontal. Owing to flattening of the seam, it is decided to change the dip to 30 degrees by a curve of 1,000 feet radius. The level of the starting point A of the curve is 1,250 feet below datum. Calculate the length of the drive on the curve from A to the point B where the new straight portion of the shaft will commence and the level of Point B. | 35 |
| 3. Two headings commencing from a common starting point; one rises at an angle of 3 degrees going N 50°W, the other dips 5 degrees going S 30°W. What is the direction and grade of the true dip? Show method of calculation. | 30 |
| 4. Bituminous coal can be divided into four distinct visible constituents. Name these, and describe clearly the physical and microscopic characteristics of each. Which part of the seam produces the most dangerous coal dust? | 30 |
| 5. A coal field 1½ miles square is intersected by a large fault, with a displacement of 100 yards, running parallel to two of the sides and near the centre. Calculate the quantity of coal in long tons in the field, if there are three seams 3 feet, 5 feet and 6 feet thick respectively. Assume the strata to be level, the hade of the fault to be 60 degrees and the specific gravity of the coal 1.28. | 25 |
| 6. A new coal seam is to be developed. Enumerate the work that you as mine surveyor would expect to perform, and describe clearly the factors which you think will have to be considered before deciding on the position of the shafts. | 25 |
| 7. A profile of an underground levelling as required by Rule 7 of the Rules Governing Examinations under The Coal Mines Regulation Act, must be handed in to the presiding examiners with the answers to this paper. | 10 |

---

GOVERNMENT OF THE PROVINCE OF ALBERTA

## MINES DIVISION

## EXAMINATIONS UNDER THE COAL MINES REGULATION ACT

May 31, 1955

## MINE ELECTRICIANS' CERTIFICATES (FIRST CLASS)

Marks obtainable 200 — Marks required 120
Paper No. 1. — Time—1½ hours.

### THE COAL MINES REGULATION ACT

| | Values |
|---|---|
| 1. State the requirements of Regulation (d) of the Electrical Regulations regarding notices that are required to be exhibited. | 35 |
| 2. What are the requirements of Regulation (g) for all apparatus and conductors? | 40 |
| 3. What are the requirements of Regulation (j) where electricity is distributed at a pressure higher than medium pressure? | 30 |
| 4. State the requirements of Regulation (n) regarding flexible cables for portable apparatus. | 35 |
| 5. State the duties of a mine electrician as defined in Regulation (o) subsection (2). | 35 |
| 6. What are the requirements of Regulation (r) where electricity is used for signalling? | 25 |

---

## MINE ELECTRICIANS' CERTIFICATES (FIRST CLASS)

Marks obtainable 200 — Marks required 120
Paper No. 2. — Time—2 hours.

### THEORY

| | Values |
|---|---|
| 1. What should be the insulation value of the following motors?<br>100 horse-power at 2200 volts,<br>75 horse-power at 550 volts,<br>25 horse-power at 440 volts. | 30 |

2. (a) Why should a direct current series motor never be operated without load? ............ 15

(b) If the resistance of the shunt field rheostat is increased, what happens to the speed of a shunt motor? ............ 15

3. Trolley locomotive haulage is installed in a mine. The trolley wire is #0000 and the inside end of the trolley haulage is 10,000 feet from the 275 volt direct current supply. A #0000 feeder extends 5,000 feet from the supply end and 60 pound steel is used for rails. If a short-circuit occurs between the trolley wire and the rails at the inside end (10,000 feet from the supply end), what will be the short-circuit current? Resistance of #0000 wire is .05 ohm per 1,000 feet. Resistance of 60 pound rails, bonded and cross-bonded, is .009 ohm per 1,000 feet. ............ 40

4. Find the voltage drop, in percentage of the applied voltage, in the following circuit: 110 volts, 20 amps, a distance of 200 feet. Conductor size 13,090 circular mils. ........ 35

5. (a) What is the capacity of two 50 kva transformers connected Open Delta? ............ 15

(b) What precaution must be taken when removing an ammeter which is connected to a current transformer? ............ 15

6. A 50 horse-power, 220 volt, three-phase motor requires a full load current of 125 amperes per terminal at a power factor of 88 per cent. What is its full load efficiency? ............ 35

## MINE ELECTRICIANS' CERTIFICATES
## (FIRST CLASS)

Marks obtainable 200 — Marks required 120
Paper No. 3. — Time—3½ hours.

### PRACTICAL WORK

Values

1. Three-phase induction motors may be started, (a) by connecting the power supply direct to the stator, (b) by using an auto-transformer, (c) by using a Star-Delta starter, (d) by using a switch for the stator circuit and a resistance for the rotor circuit. Explain each method of starting and state for what purpose around a mine each method is suitable. ............ 30

2. Describe briefly:

(a) A mercury-arc rectifier. ............ 10

(b) A static condenser. ............ 10

State the uses that may be made of them in or about a mine.

3. As load is increased from no-load to full-load on an induction motor, what happens to the slip, speed, torque, stator current, power factor and efficiency of the motor? .... 20

4. A small safety light mine is to be electrified with the following equipment installed underground:

One 3-phase transformer.

One coal cutting machine.

One shaker conveyor drive.

One hoist.

Voltage entering the mine is 2300 volts and equipment operates at 440 volts. Draw a diagram or sketch showing how you would lay out this installation, marking in the necessary switchgear, control apparatus, type of cables. ............ 25

5. What are the essential parts of a "Megger" insulation tester? Describe its operation..... 15

6. Explain what methods are used for grounding in earth as well as where rock bottom is encountered at say three feet, when an underground water piping system is not available. What resistance would you consider satisfactory? ............ 15

7. A three-phase squirrel cage motor with an across-the-line starter is to be controlled with start-stop stations from three different points. Draw the connections to these start-stop stations. ............ 20

8. In what way may a squirrel-cage motor be made to operate over a range of speeds? What are the limitations of the method of speed control? ............ 20

9. Explain what faults might occur in a three-phase induction motor winding and how you would test for each fault. ............ 20

10. Describe the action of the double squirrel-cage motor. How does its starting torque and starting current compare with the standard squirrel-cage motor? ............ 15

GOVERNMENT OF THE PROVINCE OF ALBERTA

## MINES DIVISION

## EXAMINATIONS UNDER THE COAL MINES REGULATION ACT

May 31, 1955

## MINE ELECTRICIANS' CERTIFICATES (SECOND CLASS)

Marks obtainable 200 — Marks required 100
Paper No. 1. — Time—3½ hours.

### THE COAL MINES REGULATION ACT

Values

1. What are the requirements of Regulation (k) of the Electrical Regulations regarding switchgear, terminals, cable ends, etc.? ........ 20
2. What are the requirements of Regulation (d) in connection with notices that are required to be exhibited? ........ 15
3. State the requirements of Regulation (p) regarding the part of a mine where inflammable gas or dust is liable to occur. ........ 25
4. What are the requirements of Regulation (j) where higher than medium pressure is used? ........ 15
5. State the requirements of Regulation (r) regarding the use of electricity for signals. 10
6. What does Regulation (t) state regarding haulage by electric locomotives? ........ 10
7. State the duties of the electrician as laid down in Regulation (o) subsection (2). ........ 20
8. State the requirements of Regulation (n) regarding flexible cables for portable apparatus. ........ 15
9. State the requirements of Regulation (l) in connection with switchgear for cutting off supply of current, etc. ........ 35
10. Regulation (m) states that all cables other than flexible cables shall comply with certain requirements. State these requirements. ........ 35

---

## MINE ELECTRICIANS' CERTIFICATES (SECOND CLASS)

Marks obtainable 200 — Marks required 100
Paper No. 2. — Time—3½ hours.

### THEORY AND PRACTICAL WORK

Values

1. State what you consider to be suitable starting apparatus for the following, explaining each type:
   (a) Slope hoist.
   (b) Large main fan.
   (c) Coal cutting machine. ........ 20
2. (a) Explain how overload protection of the thermal type functions in opening a circuit.
   (b) Explain how overload protection of the dash-pot type functions in opening a circuit. ........ 20
3. A battery consists of 6 series connected cells each having an e.m.f. of 1.5 volts and an internal resistance of 0.5 ohm. If the outside terminals be joined by a resistance of 1.2 ohms, how much current will flow in the circuit? ........ 20
4. A 20 horse-power, 250 volt direct current motor is fully loaded. What current will the motor draw? ........ 20
5. What are the standard requirements with respect to motor over-current protection for continuous duty motors? ........ 20
6. It was reported that a certain magneto-type telephone in a mine was not working properly. A person could hear over the 'phone but could not be heard by persons at other 'phones on the line. What troubles would you look for? ........ 20
7. Explain how you would phase out and parallel two three-phase, 220 volt lines. ........ 20
8. Explain what the following instruments are used for and, using a sketch, show how you would use them. Voltmeter, Ammeter, Megger. ........ 20
9. Name three main hazards in connection with the use of electricity in coal mines and state what precautions should be taken to eliminate, or at least minimize, each hazard. ........ 20
10. (a) What maintenance should magnetic across-the-line starters receive?
    (b) What maintenance should reduced voltage starters (Compensators) receive? ........ 20

## PARTICULARS OF OPERATING MINES DURING 1955 BY AREAS

### ARDLEY AREA

**R. R. Straub—Mine No. 255**

Mine Office: Alix, Alberta.
Mine Manager: R. R. Straub.
Mine Surveyor: David Jones.
Thickness of Seam: 4 ft.
Thickness of Cover: 30 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: W½ L.S. 11 & 12, Sec. 17, Twp. 38, Rge. 23, W. 4th Mer.
Coal Mining Lease Number: C.P.R. 734.
C.N.R. and Truck Mine.
Registered Trade Name: Conger Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1910.

**Allyn Mann Construction Co.**
**Mine No. 809**

Mine Office: Alix, Alberta.
General Manager: H. Allyn Mann.
Mine Manager: H. Walper.
Mine Surveyor: David Jones.
Thickness of Seam: 3½ ft.
Thickness of Cover: 25 ft. to 45 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: Sec. 33, Twp. 38, Rge. 23, W. 4th Mer.
Coal Mining Lease Numbers: C.P.R. 584, 746.
C.N.R. and Truck Mine.
Registered Trade Name: Eclipse Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1919.

**John Lynass—Mine No. 1734**

Mine Office: Delburne, Alberta.
General Manager: J. Lynass.
Mine Manager: J. Lynass.
Mine Surveyor: David Jones.
Overman: Walter Deuchar.
Thickness of Seam: 4 ft.
Thickness of Cover: 25 ft.
Form of Opening: Strip Mine.
Inclination of Seam: Horizontal.
Location of Mine: L.S. 2 & 7, Sec. 20, Twp. 23, Rge. 38, W. 4th Mer.
Coal Mining Lease Number: 6088, 6159.
Truck Mine.
Registered Trade Name: Lynass Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1953.

### BIG VALLEY AREA

**A. Anderson & Minke—Mine No. 1661**

Mine Office: Elnora, Alberta.
Mine Surveyor: David Jones.
Overman: Arne Anderson.
Fireboss: Arne Anderson.
Thickness of Seam: 4½ ft.
Thickness of Cover: 80 ft.
Inclination of Seam: Horizontal.
Form of Opening: Slope. Size of Slope: 5 ft. x 7 ft. Depth of Slope 10 ft.
Location of Mine: L.S. 2 & 7, Sec. 13, Twp. 36, Rge. 22, W. 4th Mer.
Coal Mining Lease Number: 691.
Truck Mine.
Registered Trade Name: Elnora Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1947.

**Leonard A. Watson & Claude R. Blair**
**Mine No. 1716**

Authorized Capital: $4,000.00.
Name of Treasurer: C. R. Blair.
Mine Office: Delburne, Alberta.
General Manager: C. R. Blair.
Mine Manager: L. A. Watson.
Mine Surveyor: David Jones.
Overman: L. A. Watson.
Thickness of Seam: 3 to 4 ft.
Thickness of Cover: 22 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: L.S. 16, Sec. 13, Twp. 36, Rge. 22, W. 4th Mer.
Coal Mining Lease Number: C.P.R. 708.
Registered Trade Name: Watson & Blair Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1950.

### BROOKS AREA

**The Kleenbirn Collieries Limited**
**Mine No. 1404**

Authorized Capital: $250,000.00.
Name of President: J. G. Westgate.
Name of Directors: J. G. Westgate and R. M. Balfour.
Name of Secretary-Treasurer: R. M. Balfour.
Mine Office: Eyremore, Alberta.
Mine Manager: J. G. Westgate.
Mine Surveyor: J. F. Hamilton.
Foreman: W. E. Herrick.
Thickness of Seam: 4 ft. to 9 ft.
Thickness of Cover: 32 ft. to 60 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: Sec. 15, Twp. 17, Rge. 17, W. 4th Mer.
Coal Mining Lease Number: C.P.R. 683.
C.P.R. and Truck Mine.
Registered Trade Name: Birnwel Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1932.

**Coral Coals Limited—Mine No. 1672**

Authorized Capital: $20,000.00.
Name of President: Lorraine Patrick.
Name of Directors: Lorraine Patrick, Harry P. Hartley, O. K. Reishus, A. C. Hnatyshyn.
Name of Secretary: Mrs. H. M. Forsey.
Name of Treasurer: A. C. Hnatyshyn.
Head Office: 2410 - 4th Street S.W., Calgary, Alberta.
Mine Office: Cecil, Alberta.
General Manager: O. K. Reishus.
Mine Manager: A. Livingstone.
Mine Surveyor: J. F. Hamilton.
Foreman: O. K. Reishus.
Thickness of Seam: 7 ft.
Thickness of Cover: 50 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: L.S. 1 and 8, Sec. 3, Twp. 14, Rge. 13, W. 4th. Mer.
Coal Mining Lease Number: C.P.R. 711.
C.P.R. and Truck Mine.
Registered Trade Name: Rolling Hills Coal and Coral Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1950.

### CAMROSE AREA

**S. H. Burnstad—Mine No. 724**

Authorized Capital: $25,000.00.
Name of President: R. S. Burnstad.
Name of Treasurer: Mrs. B. Burnstad.
Mine Office: Ohaton, Alberta.
Mine Manager: R. S. Burnstad.
Mine Surveyor: David Jones.
Thickness of Seam: 5½ ft.
Thickness of Cover: 14½ ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.

Location of Mine: S.W.¼ Sec. 14, Twp. 48, Rge. 18, W. 4th Mer.
Coal Mining Lease Number: 5525.
Truck Mine.
Registered Trade Name: Burnstad Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1917.

### A. A. Campbell & C. A. Fergstad
### Mine No. 1055

Mine Office: Round Hill, Alberta.
Mine Manager: Chas. Fergstad.
Mine Surveyor: David Jones.
Thickness of Seam: 5½ ft.
Thickness of Cover: 14 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: L.S. 7, Sec. 30, Twp. 48, Rge. 18, W. 4th Mer..
Coal Mining Lease Number: 5917.
Truck Mine.
Registered Trade Name: Eskimo Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1950.

### George Shute & Partners—Mine No. 1524

Authorized Capital: $2,500.00.
Mine Office: Dinant, Alberta.
Mine Manager: George Shute.
Mine Surveyor: David Jones.
Thickness of Seam: 5½ ft.
Thickness of Cover: 16 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: Pts. L.S. 8 & 9, Sec. 7, Twp. 48, Rge. 19, W. 4th Mer.
Coal Mining Lease Number: C.P.R. 546.
Truck Mine.
Registered Trade Name: Demay Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1937.

### Camrose Collieries Limited—Mine No. 1603

Authorized Capital: $200,000.00.
Name of President: D. Twomey.
Name of Secretary: A. E. Burgess.
Mine Office: Camrose, Alberta.
General Manager: D. Twomey.
Mine Manager: R. B. Munn.
Mine Surveyor: P. R. Buesnal.
Thickness of Seam: 4 ft. to 6 ft.
Thickness of Cover: 18 ft. to 30 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: L.S. 6, 10 & 11, Sec. 29, Twp. 46, Rge. 19, W. 4th Mer.
Coal Mining Lease Number: 5631.
C.N.R., C.P.R. and Truck Mine.
Registered Trade Name: Camrose Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1943.

## CARBON AREA

### Alfred Fox—Mine No. 53

Authorized Capital: $10,000.00.
Name of Secretary: Alfred Fox.
Mine Office: Carbon, Alberta.
Mine Manager: Alfred Fox.
Mine Surveyor: David Jones.
Thickness of Seam: 4 ft.
Thickness of Cover: 185 ft.
Inclination of Seam: Horizontal.
Form of Opening: Drift.
Location of Mine: L.S. 3, Sec. 14, Twp. 29, Rge. 23, W. 4th Mer.
Coal Mining Lease Numbers: 516 S.L. and 524 S.L.
Truck Mine.
Registered Trade Name: Carbon Sunrise Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1898.

### A. A. McArthur—Mine No. 194

Mine Office: Box 47, Carbon, Alberta.
Mine Manager: A. A. McArthur.
Mine Surveyor: W. E. G. Hall.
Foreman: A. R. Sommerville.
Thickness of Seam: 4½ ft.
Thickness of Cover: 25 ft. to 40 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: N.E.¼ Sec. 4, Twp. 31, Rge. 22, W. 4th Mer.
Coal Mining Lease Number: 6173.
Truck Mine.
Registered Trade Name: Knee Hill Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1909.

### East Trochu Coal Company—Mine No. 710

Name of Secretary: J. A. Patterson.
Name of Treasurer: L. G. Yard.
Mine Office: Trochu, Alberta.
Mine Manager: L. G. Yard.
Mine Surveyor: David Jones.
Overman: L. G. Yard.
Thickness of Seam: 6 ft.
Thickness of Cover: 90 ft.
Inclination of Seam: Horizontal.
Form of Opening: Drift.
Location of Mine: L.S. 9, Sec. 14, Twp. 33, Rge. 23, W. 4th Mer.
Coal Mining Lease Number: 5320.
Truck Mine.
Registered Trade Name: Troalta Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1917.

### Ben Pickering & Sons—Mine No. 817.

Authorized Capital: $4,000.00.
Mine Office: Ghost Pine Creek, Alberta.
Mine Manager: Ben Pickering.
Mine Surveyor: David Jones.
Foreman: Ben Pickering.
Thickness of Seam: 5 ft.
Thickness of Cover: 38 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: L.S. 2, Sec. 6, Twp. 31, Rge. 21, W. 4th Mer.
Coal Mining Lease Numbers: 5510, R.A. 414.
Truck Mine.
Registered Trade Name: Orkney Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1919.

### Eric Reissig—Mine No. 921

Mine Office: Trochu, Alberta.
Mine Manager: Eric Reissig.
Mine Surveyor: David Jones.
Overman: Eric Reissig.
Thickness of Seam: 5 ft.
Thickness of Cover: 85 ft.
Inclination of Seam: Horizontal.
Form of Opening: Slope. Size of Slope: 7 ft. x 5 ft. Depth of Slope: 2400 ft.
Location of Mine: L.S. 15 & 16, Sec. 14, Twp. 33, Rge. 23, W. 4th Mer.
Coal Mining Lease Number: 5464.
Truck Mine.
Registered Trade Name: Meadow Bank Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1921.

### East Carbon Coal Co. Ltd.—Mine No. 1060

Authorized Capital: $20,000.00.
Name of President: Ernest Fox.
Name of Directors: Ben Fox, Ernest Fox, William Fox, Mrs. B. Lowther.
Mine Office: Carbon, Alberta.
General Manager: Ben Fox.
Mine Surveyor: David Jones.
Overman: Ben Fox.
Thickness of Seam: 4 ft. 3 in.
Thickness of Cover: 200 ft.
Inclination of Seam: Horizontal.
Form of Opening: Slope. Size of Slope: 6 ft. x 8 ft. Depth of Slope: 100 ft.
Location of Mine: L.S. 12, Sec. 7, Twp. 29, Rge. 22, W. 4th Mer.

Coal Mining Lease Number: 5513.
Truck Mine.
Registered Trade Name: Reliable Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1922.

### C. C. Campbell & Son—Mine No. 1226

Authorized Capital: $6,000.00.
Mine Office: Trochu, Alberta.
Mine Manager: C. C. Campbell.
Mine Surveyor: David Jones.
Overman: C. C. Campbell.
Thickness of Seam: 6 ft.
Thickness of Cover: 100 ft.
Inclination of Seam: Horizontal.
Form of Opening: Drift.
Location of Mine: N.E.¼ Sec. 29, Twp. 33, Rge. 22, W. 4th Mer.
Coal Mining Lease Number: 547.
Truck Mine.
Registered Trade Name: Campbell Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1926.

### H. J. Halbert & F. Beierle
### Mine No. 1283

Authorized Capital: $10,000.00.
Name of Directors: H. J. Halbert and F. Beierle.
Mine Office: Trochu, Alberta.
Mine Manager: H. J. Halbert.
Mine Surveyor: David Jones.
Thickness of Seam: 5 ft. 9 in.
Thickness of Cover: 90 ft.
Inclination of Seam: Horizontal.
Form of Opening: Drift.
Location of Mine: L.S. 8, Sec. 14, Twp. 33, Rge. 23, W. 4th Mer.
Coal Mining Lease Number: 6125.
Truck Mine.
Registered Trade Name: H-B Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1928.

### Balogh Brothers—Mine No. 1359

Mine Office: Carbon, Alberta.
Mine Manager: A. Balogh.
Mine Surveyor: David Jones.
Overman: A. Balogh.
Thickness of Seam: 3 ft. 8 in.
Thickness of Cover: 180 ft.
Inclination of Seam: Horizontal.
Form of Opening: Slope. Size of Slope: 8 ft. x 6 ft. Depth of Slope: 125 ft.
Location of Mine: L.S. 16, Sec. 12, Twp. 29, Rge. 23, W. 4th Mer.
Coal Mining Lease Number: 234 M.S.
Truck Mine.
Registered Trade Name: Arctic Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1931.

### Nottal Brothers—Mine No. 1499

Mine Office: Three Hills, Alberta.
Mine Manager: F. Nottal.
Mine Surveyor: David Jones.
Foreman: F. Nottal.
Thickness of Seam: 4½ ft.
Thickness of Cover: 30 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: L.S. 1, Sec. 9, Twp. 31, Rge. 22, W. 4th Mer.
Coal Mining Lease Number: 5257.
Truck Mine.
Registered Trade Name: New Ghost Pine Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1936.

### Nottal Brothers—Mine No. 1740

Mine Office: Three Hills, Alberta.
Mine Manager: F. Nottal.
Mine Surveyor: David Jones.
Overman: F. Nottal.
Thickness of Seam: 4½ ft.
Thickness of Cover: 33 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: L.S. 14, Sec. 4, Twp. 31, Rge. 22, W. 4th Mer.
Coal Mining Lease Number: 6121.
Truck Mine.
Character of Coal: Sub-bituminous.
Date of Opening: 1954.

## CASCADE AREA

### The Canmore Mines Limited—Mine No. 2

Authorized Capital: $1,000,000.00.
Name of President: Edmund Hayes.
Name of Directors: Edmund Hayes, J. E. A. Macleod; A. J. Macmillan, A. R. Walter, Wm. Wilson, G. F. Jewett, L. S. Headley, R. Morris.
Name of Secretary: J. E. A. Macleod.
Name of Treasurer: Louis S. Headley.
Mine Office: Canmore, Alberta.
General Manager: William Wilson.
Mine Manager: V. Mrokwia.
Mine Surveyor: W. J. Riva.
Overmen: J. Brown, A. A. Fox, S. Lauhela.
Firebosses: Messrs. Bell, Baroni, Crawford, Foster, Jackson, James, Kowal, Musgrove, Miskow, Paavola, Riva, Rogers, Zboya, Shellian.
Thickness of Seam: 6 ft., 8 ft. and 10 ft.
Thickness of Cover: 0 to 2,000 ft.
Inclination of Seam: 10 to 35 degrees.
Form of Opening: Slope. Size of Slope: 16 ft. x 8 ft. Depth of Slope: Rock Tunnel—1,000 ft.; No. 4 Seam—2,400 ft.; No. 5 Seam—1,100 ft.
Location of Mine: N.E. Pt. L.S. 1, Sec. 29, Twp. 24, Rge. 10, W. 5th Mer.
Coal Mining Lease Numbers: 5557, 5528, 5529, 5847, 5847A, 5999, 6163, S.L. 130, 131; R.A. 349, 350, 351, 370, 378-9.
C.P.R. and Truck Mine.
Registered Trade Names: Canmore Smokeless Coal; Canmore Briquettes; Cavines Creek Coal.
Character of Coal: Bituminous.
Date of Opening: 1891.

## CASTOR AREA

### Joe Tyrlik—Mine No. 251

Mine Office: Heisler, Alberta.
Mine Manager: Joe Tyrlik.
Mine Surveyor: David Jones.
Overman: Joe Tyrlik
Thickness of Seam: 4 ft. 4 in.
Thickness of Cover: 58 ft.
Inclination of Seam: Horizontal.
Form of Opening: Slope. Size of Slope: 6½ ft. x 6 ft. Depth of Slope: 155 ft.
Location of Mine: Sec. 28, Twp. 42, Rge. 17, W. 4th Mer.
Coal Mining Lease Number: 5822.
C.N.R. Mine.
Registered Trade Name: Diamond G. Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1910.

### James Chiswick—Mine No. 291

Mine Office: Gadsby, Alberta.
Foreman: James Chiswick.
Mine Surveyor: David Jones.
Thickness of Seam: 4½ ft.
Thickness of Cover: 35 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: S½ L.S. 11, Sec. 28, Twp. 39, Rge. 16, W. 4th Mer.
Coal Mining Lease Number: 5813.
Truck Mine.
Registered Trade Name: Sunset Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1911.

### O. V. Remillard—Mine No. 902

Name of Secretary: Theresa Blasiur.
Mine Office: Castor, Alberta.
Mine Manager: O. V. Remillard.
Mine Surveyor: David Jones.
Overman: O. V. Remillard.
Thickness of Seam: 4 ft. 8 in.
Thickness of Cover: 45 ft.
Inclination of Seam: Horizontal.
Form of Opening: Slope. Size of Slope: 7 ft. x 6 ft. Depth of Slope: 127 ft.
Location of Mine: L.S. 9, 15 and 16, Sec. 33, Twp. 37, Rge. 14, W. 4th Mer.
Coal Mining Lease Numbers: C.P.R. 186, 646.
Truck Mine.
Registered Trade Name: Remillard Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1921.

### Battle River Coal Company Limited

### Mine No. 1046

Authorized Capital: $1,000,000.00.
Name of President: J. A. Brusset.
Names of Directors: J. A. Brusset, E. Bernard, J. Terry, J. A. Scott, M. A. Dhavernas, E. Connelly, E. W. Costello.
Name of Secretary: J. A. Scott.
Name of Treasurer: H. M. Dancey.
Head Office: Blairmore, Alberta.
Mine Office: Halkirk, Alberta.
General Manager: Wm. Bird.
Mine Manager: E. J. Panchysyn.
Mine Surveyor: E. J. Panchysyn.
Foreman: Wm. Jamieson.
Blaster: J. Ainsworth.
Thickness of Seam: 5 ft. to 8 ft.
Thickness of Cover: 45 ft. to 65 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: Sec. 20, Twp. 40, Rge. 15, W. 4th Mer.
Coal Mining Lease Numbers: 5719, 5433, 6066, 762, 6069.
C.P.R. and Truck Mine.
Registered Trade Name: Cordel & Vesta Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1922.

### Charles Strader—Mine No. 1062

Mine Office: Halkirk, Alberta.
Mine Manager: Charles Strader.
Mine Surveyor: David Jones.
Overman: Jim Strader.
Thickness of Seam: 5½ ft.
Thickness of Cover: 40 ft. to 80 ft.
Inclination of Seam: Horizontal.
Form of Opening: Drift.
Location of Mine: L.S. 4, Sec. 17, Twp. 39, Rge. 15, W. 4th Mer.
Coal Mining Lease Number: C.P.R. 41.
Truck Mine.
Registered Trade Name: Esperanze Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1922.

### B. J. Gerla & W. Runge—Mine No. 1248

Authorized Capital: $15,000.00.
Mine Office: Donalda, Alberta.
General Manager: B. J. Gerla.
Mine Surveyor: David Jones.
Overman: B. J. Gerla.
Fireboss: W. Runge.
Thickness of Seam: 5½ ft.
Thickness of Cover: 100 ft.
Inclination of Seam: Horizontal.
Form of Opening: Slope. Size of Slope: 6 ft. x 6 ft. Depth of Slope: 80 ft.
Location of Mine: L.S. 10 and 11, Sec. 29, Twp. 41, Rge. 17, W. 4th Mer.
Coal Mining Lease Number: S.L. 534.
Truck Mine.
Registered Trade Name: Success Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1926.

### Oscar Olson—Mine No. 1435

Mine Office: Edberg, Alberta.
Mine Manager: Oscar Olson.
Mine Surveyor: David Jones.
Overman: Oscar Olson.
Thickness of Seam: 5 ft.
Thickness of Cover: 80 ft.
Inclination of Seam: Horizontal.
Form of Opening: Slope. Size of Slope: 6 ft. x 8 ft. Depth of Slope: 45 ft.
Location of Mine: N½ L.S. 6, S¼ L.S. 11, Sec. 2, Twp. 44, Rge. 19, W. 4th Mer.
Coal Mining Lease Numbers: 5122, 6461.
Truck Mine.
Registered Trade Name: Rosebush Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1933.

### Forestburg Collieries Limited

### Mine No. 1578

Authorized Capital: $20,000.00.
Name of President: W. O. Parlee, Q.C.
Names of Directors: W. O. Parlee, R. M. Jenkinson, C. M. Guthrie, R. F. Barrow, H. L. M. Irving, Jas. Taylor.
Name of Secretary-Treasurer: P. J. Cullimore.
Head Office: 410 Tegler Building, Edmonton, Alberta.
Mine Office: P.O. Box 60, Forestburg, Alberta.
General Manager: John A. Stuart.
Mine Manager: Homer F. Bish.
Mine Surveyor: Robert Dunn.
Blaster: Thomas Mitchinson.
Thickness of Seam: 8 ft.
Thickness of Cover: 37 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: N.W.¼ Sec. 6, Twp. 41, Rge. 16, W. 4th Mer.
Coal Mining Lease Numbers: 5448, 5815, 5777, 5658, 5912, 5912A.
C.N.R. and Truck Mine.
Registered Trade Name: Diplomat Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1941.

### J. J. Mills—Mine No. 1587

Mine Office: Heisler, Alberta.
Mine Manager: J. R. Mills.
Mine Surveyor: David Jones.
Overman: J. R. Mills.
Thickness of Seam: 5½ ft.
Thickness of Cover: 100 ft.
Inclination of Seam: Horizontal.
Form of Opening: Slope. Size of Slope: 6 ft. x 7 ft. Depth of Slope: 58 ft.
Location of Mine: L.S. 6, Sec. 22, Twp. 42, Rge. 17, W. 4th Mer.
Coal Mining Lease Number: 5976.
Truck Mine.
Registered Trade Name: Eagle Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1942.

### Stettler Coal Company Limited

### Mine No. 1614

Authorized Capital: $150,000.00.
Name of President: M. H. Neilson.
Names of Directors: M. H. Neilson, M. C. Neilson.
Name of Secretary: Lloyd Williams.
Mine Office: Halkirk, Alberta.
Manager: M. H. Neilson.
Mine Surveyor: David Jones.
Thickness of Seam: 5 ft. 8 in.
Thickness of Cover: 38 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: L.S. 16, Sec. 26, Twp. 40, Rge. 16, W. 4th Mer.
Coal Mining Lease Numbers: C.P.R. 627, 5308.
Truck Mine.
Registered Trade Name: All-Fire Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1943.

### N. MacPherson and D. Kroetch
### Mine No. 1689

Mine Office: Heisler, Alberta.
Mine Manager: N. MacPherson.
Mine Surveyor: David Jones.
Overman: N. MacPherson.
Thickness of Seam: 5 ft.
Thickness of Cover: 90 ft.
Inclination of Seam: Horizontal.
Form of Opening: Slope. Size of Slope: 8 ft. x 8 ft. Depth of Slope: 40 ft.
Location of Mine: S.E.¼ L.S. 8, Sec. 21, Twp. 42, Rge. 17, W. 4th Mer.
Coal Mining Lease Number: C.P.R. 685.
Truck Mine.
Registered Trade Name: Black Jade Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1949.

### Dolanz, Dolanz & Strickland
### Mine No. 1702

Mine Office: Heisler, Alberta.
Mine Surveyor: David Jones.
Overman: I. Dolanz.
Thickness of Seam: 5½ ft.
Thickness of Cover: 90 ft.
Inclination of Seam: Horizontal.
Form of Opening: Slope. Size of Slope: 6 ft. x 8 ft. Depth of Slope: 270 ft.
Location of Mine: L.S. 3 and 4, Sec. 27, Twp. 42, Rge. 17, W. 4th Mer.
Coal Mining Lease Number: C.P.R. 692.
Registered Trade Name: Palace Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1949.

### Wisla Brothers—Mine No. 1713

Mine Office: Rosalind, Alberta.
Mine Surveyor: David Jones.
Overman: Michael Wisla.
Thickness of Seam: 4½ ft.
Thickness of Cover: 60 ft.
Inclination of Seam: Horizontal.
Form of Opening: Shaft. Size of Shaft: 6 ft. x 8 ft. Depth of Shaft: 60 ft.
Location of Mine: L.S. 1 and 2, Sec. 8, Twp. 43, Rge. 17, W. 4th Mer.
Coal Mining Lease Number: H.B.C. 152.
Truck Mine.
Registered Trade Name: Rosalind Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1950.

### Centennial Coal Mine—Mine No. 1718

Name of Sec.-Treasurer: Wm. Jones, Jr.
Mine Office: Rosalind, Alberta.
Mine Surveyor: David Jones.
Overman: C. Binder.
Thickness of Seam: 10 ft.
Thickness of Cover: 110 ft.
Inclination of Seam: Horizontal.
Form of Opening: Slope. Size of Slope: 5 ft. x 6 ft. Depth of Slope: 60 ft.
Location of Mine: L.S. 9, 10, 15 and 16, Sec. 29, Twp. 42, Rge. 17, W. 4th. Mer.
Coal Mining Lease Number: 5969.
Truck Mine.
Registered Trade Name: Centennial Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1950.

### Buckle Brothers—Mine No. 1736

Mine Office: Donalda, Alberta.
Mine Manager: L. Buckle.
Mine Surveyor: David Jones.
Thickness of Seam: 4½ ft.
Thickness of Cover: 100 ft.
Inclination of Seam: Horizontal.
Form of Opening: Drift.
Location of Mine: L.S. 14 and 15, Sec. 28, Twp. 41, Rge. 17, W. 4th Mer.
Coal Mining Lease Number: 6149.
Truck Mine.
Registered Trade Name: Black Emerald Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1954.

## CHAMPION AREA

### Carlo Travaglia—Mine No. 1137

Mine Office: Champion, Alberta.
Mine Manager: Carlo Travaglia.
Mine Surveyor: J. F. Hamilton.
Overman: Carlo Travaglia.
Thickness of Seam: 3 ft. 10 in.
Thickness of Cover: 60 ft. to 75 ft.
Inclination of Seam: Horizontal.
Form of Opening: Slope. Size of Slope: 4½ ft. x 4½ ft. Depth of Slope: 132½ ft.
Location of Mine: L.S. 2 and 3, Sec. 4, Twp. 16, Rge. 23, W. 4th Mer.
Coal Mining Lease Numbers: 5533, 5738.
Truck Mine.
Registered Trade Name: Smith Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1924.

### P. Fontana & Sons—Mine No. 1509

Mine Office: Champion, Alberta.
Mine Manager: Peter Fontana.
Mine Surveyor: J. F. Hamilton.
Overman: Elmo Fontana.
Fireboss: Elmo Fontana.
Thickness of Seam: 3 ft. 9 in.
Thickness of Cover: 75 ft. to 80 ft.
Inclination of Seam: Horizontal.
Form of Opening: Slope. Size of Slope: 6 ft. x 6 ft. Depth of Slope: 150 ft.
Location of Mine: L.S. 13, Sec. 34, Twp. 15, Rge. 23, W. 4th Mer.
Truck Mine.
Coal Mining Lease Number: 5290.
Registered Trade Name: Champion Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1937.

## COALSPUR AREA

### Canadian Collieries (Dunsmuir) Ltd.
### Mine No. 771

Authorized Capital: $7,500,000.00.
Name of President: N. R. Whittall.
Names of Directors: Sir Denys C. F. Lowson, Bart., F. B. Brown, F. McMahon, F. R. Graham, H. R. Plommer, R. M. McRae.
Name of Sec.-Treasurer: S. V. Isaacson.
Head Office: 424 Burrard Street, Vancouver, B.C.
Mine Office: Foothills, Alberta.
General Manager: E. O. T. Simpson.
Mine Manager: William Morris.
Mine Surveyor: Edward Olynek.
Overman: Edward Griffiths.
Firebosses: Walter Hluska, Walter Prokopetz, Alex Pollitt, D. Jones.
Thickness of Seam: 8½ ft.
Thickness of Cover: 750 ft.
Inclination of Seam: 20 degrees.
Form of Opening: Slope. Size of Slope: 10 ft x 8 ft. Depth of Slope: 2400 ft.
Location of Mine: Sec. 24, Twp. 47, Rge. 20, W. 5th Mer.
Coal Mining Lease Numbers: 5343, 5344, 5391A, 5204.
C.N.R. Mine.
Registered Trade Name: Foothills Coal.
Character of Coal: Bituminous.
Date of Opening: 1918.

### Minehead Coal & Oil Limited
### Mine No. 775

Authorized Capital: $200,000.00.
Name of President: Bryan J. Kern.
Names of Directors: B. J. Kern, R. D. Trumble, L. H. Booker.
Name of Secretary-Treasurer: A. L. Kerr.
Head Office: Gull Lake, Saskatchewan.
Mine Manager: R. D. Trumble.
Mine Office: Robb, Alberta.
Mine Surveyor: L. C. Stevens.
Blaster: R. D. Trumble.
Thickness of Seam: 12 ft.
Thickness of Cover: Nil.

Inclination of Seam: 34 degrees.
Form of Opening: Strip Mine.
Location of Mine: L.S. 12, Sec. 14, Twp. 59, Rge. 21, W. 5th Mer.
Coal Mining Lease Number: 5318.
Truck Mine.
Registered Trade Name: Minehead Coal.
Character of Coal: Bituminous.
Date of Opening: 1918.

### Canadian Collieries (Dunsmuir) Ltd.
### Mine No. 846

Authorized Capital: $7,500,000.00.
Name of President: Norman Whittall.
Names of Directors: F. R. Graham, F. B. Brown, Sir Denys Lowson, F. McMahon, H. R. Plommer, R. M. McRae.
Name of Sec.-Treasurer: S. V. Isaacson.
Head Office: Cumberland, B.C.
Mine Office: Mercoal, Alberta.
General Manager: E. O. T. Simpson.
Mine Manager: R. G. Erikson.
Mine Surveyor: J. Sodmont.
Overman: J. Rochester.
Firebosses: J. Lidgett, J. Denholm, C. Zayczerski, W. Mazur, J. Keef, C. McMurtry, K. Wheat, F. Brown.
Thickness of Seam: 11 ft.
Thickness of Cover: 0 to 800 ft.
Inclination of Seam: 20 to 50 degrees.
Form of Opening: Slope. Size of Slope: 8 ft. x 12 ft. Depth of Slope: 1800 ft.
Location of Mine: L.S. 5, Sec. 25, Twp. 48, Rge. 22, W. 5th Mer.
Coal Mining Lease Numbers: 5321, 5372, 5381, 5418, 5447, 5506.
C.N.R. Mine.
Registered Trade Names: McLeod River Hard Coal, Tartan Coal, Spartan Coal.
Character of Coal: Bituminous.
Date of Opening: 1920.

### Sterling-Coal Valley Mining Co. Ltd.
### Mine No. 1002

Authorized Capital: $1,000,000.00.
Name of President: Curtis B. Munson.
Names of Directors: E. W. Roberts, S. W. Field, W. F. Stevenson, C. B. Munson.
Name of Sec.-Treasurer: W. C. Willetts.
Head Office: 210, 10128 - 103rd St., Edmonton, Alberta.
Mine Office: Coal Valley, Alberta.
General Manager: W. F. Stevenson.
Mine Manager: A. A. Fraser.
Mine Surveyor: A. A. Fraser.
Thickness of Seam: 100 ft.
Thickness of Cover: 30 ft. to 100 ft.
Inclination of Seam: 30 degrees.
Form of Opening: Strip Mine.
Location of Mine: L.S. 10, Sec. 25, Twp. 47, Rge. 20, W. 5th Mer.
Coal Mining Lease Numbers: 5404, 5415.
C.N.R. Mine.
Registered Trade Name: Cova Coal.
Character of Coal: Bituminous.
Date of Opening: 1922.

## CROWSNEST AREA

### West Canadian Collieries Limited
### Mine No. 87

Authorized Capital: $2,900,000.00.
Name of President: E. Bernard.
Names of Directors: Messrs. Blondel, Dunning, Beaubin, Brusset, Cavrois, Houze-de L'Aulnoit, Faure, Terray, Wattinne, D'Ecoster-Verhaeghe.
Name of Secretary: G. H. Labyt.
Head Office: 833 Salisbury House, London Wall, London EC 2, England.
Mine Office: Bellevue, Alberta.
General Manager: W. Bird.
Mine Manager: J. J. Kubin.
Mine Surveyor: J. R. Glover.
Overmen: A. E. Goodwin, Assistant: S. Comin.
Firebosses: S. Kuban, E. Coates, J. Radford, C. A. Emmerson, J. Senycz, J. Michayluk, A. Grant, C. Young.
Thickness of Seam: 0 ft. to 20 ft.
Thickness of Cover: 0 ft. to 1,000 ft.
Inclination of Seam: 0 degrees to 90 degrees.
Form of Opening: Drift and Strip Mine.
Location of Mine: L.S. 9 and 10, Sec. 20, Twp. 7, Rge. 3, W. 5th Mer.
Coal Mining Lease Number: M.S. 231.
C.P.R. and Truck Mine.
Registered Trade Name: Bellevue Coal.
Character of Coal: Bituminous.
Date of Opening: 1903.

### Beaver Mines Coal Company—Mine No. 199

Authorized Capital: $22,600.00.
Mine Office: Beaver Mines, Alberta.
Mine Manager: A. Dancek.
Mine Surveyor: F. W. Utley.
Overman: A. Dancek.
Thickness of Seam: 6 ft. to 9 ft.
Thickness of Cover: 130 ft.
Inclination of Seam: 30 degrees.
Form of Opening: Drift.
Location of Mine: L.S. 10, Sec. 3, Twp. 6, Rge. 2, W. 5th Mer.
Coal Mining Lease Numbers: C386, M1065.
C.P.R. and Truck Mine.
Registered Trade Name: Beaver Mines Coal.
Character of Coal: Bituminous.
Date of Opening: 1909.

### Coleman Collieries Limited—Mine No. 204

Authorized Capital: $1,210,000.00.
Name of President: Clarence E. Tait.
Names of Directors: C. E. Tait, F. J. Harquail, W. Tait, D. B. Young, E. Richardson.
Name of Secretary: Roy E. Upton.
Name of Treasurer: Eric Richardson.
Mine Office: Coleman, Alberta.
General Manager: David B. Young.
Mine Manager: William Goodwin.
Mine Surveyor: Arthur E. Graham.
Overman: E. Allan.
Firebosses: A. Galbraith, R. Parry, R. Morris, A. Pancek, M. Kubica, R. Campbell.
Thickness of Seam: 9 ft.
Thickness of Cover: 0 ft. to 2200 ft.
Inclination of Seam: 30 degrees average.
Form of Opening: Drift.
Location of Mine: S.E.¼ L.S. 2, Secs. 17, 19 and 32 of Twp. 8, Rge 4, W. 5th Mer.
Coal Mining Lease Numbers: 5501, 5509, S.L. 260, 305.
C.P.R. Mine.
Registered Trade Name: McGillivray Creek Coal.
Character of Coal: Bituminous.
Date of Opening: 1909.

### West Canadian Collieries Limited
### Mine No. 396

Authorized Capital: $2,900,000.00.
Name of President: E. Bernard.
Names of Directors: Messrs. Blondel, Brusset, Cavrois, Faure, Dunning, Beaubin, Houze-de L'Aulnoit, Terray, Decoster-Verhaeghe, Wattinne.
Name of Secretary: G. H. Labyt.
Head Office: 833 Salisbury House, London Wall, London EC 2, England.
Mine Office: Blairmore, Alberta.
General Manager: W. Bird.
Mine Manager: T. Morgan.
Mine Surveyor: D. Pozzi.
Overmen: M. Hamilton. Asst. L. Hucik, R. Tonge, D. McLafferty, I. Walker.
Firebosses: V. Blas, A. Tiberg, J. Dziedzic, J. McIssac; R. Blake.
Thickness of Seam: 5 ft. to 16 ft.
Thickness of Cover: 0 ft. to 1,000 ft.
Inclination of Seam: 40 degrees.
Form of Opening: Drift and Strip Mine.
Location of Mine: L.S. 10, Sec. 2, Twp. 8, Rge. 4, W. 5th Mer.

Coal Mining Lease Numbers: CLS 125, 506.
C.P.R. and Truck Mine.
Registered Trade Names: Greenhill Coal, Sunfire Briquettes, Flamex Briquettes.
Character of Coal: Bituminous.
Date of Opening: 1913.

### West Canadian Collieries Limited
### Mine No. 1584

Authorized Capital: $2,900,000.00.
Name of President: E. Bernard.
Names of Directors: Messrs. Blondel, Brusset, Cavrois, Beaubin, Dunning, Faure, Houze de L'Aulnoit, Terray, Wattinne, Decoster, Verhaeghe.
Name of Secretary: O. H. Labyt.
Head Office: 833 Salisbury House, London Wall, London EC 2, England.
Mine Office: Blairmore, Alberta.
General Manager: W. Bird.
Mine Manager: M. Aschacker.
Mine Surveyor: R. Glover.
Overman: R. Blake.
Firebosses: C. McDonald, C. Dambois, H. McLafferty, K. McDonald.
Thickness of Seam: 8 ft. to 16 ft.
Thickness of Cover: 0 ft. to 800 ft.
Inclination of Seam: 14 degrees to 70 degrees.
Form of Opening: Drift.
Location of Mine: L.S. 15, Sec. 31, Twp. 6, Range 3, W. 5th Mer.
Coal Mining Lease Numbers: MS 94 & 174.
C.P.R. and Truck Mine.
Registered Trade Name: Adanac Coal.
Character of Coal: Bituminous.
Date of Opening: 1942.

### Coleman Collieries Limited—Mine No. 1695

Authorized Capital: $1,210,000.00.
Name of President: Clarence E. Tait.
Name of Directors: C. E. Tait, F. J. Harquail, W. Tait, D. B. Young, E. Richardson.
Name of Secretary: Roy E. Upton.
Name of Treasurer: Eric Richardson.
Mine Office: Coleman, Alberta.
General Manager: David B. Young.
Mine Manager: A. Halldorson.
Mine Surveyor: Arthur E. Graham.
Foremen: J. Shearer, S. Paul.
Thickness of Seam: 20 ft. to 140 ft.
Thickness of Cover: 0 ft. to 210 ft.
Inclination of Seam: Basis 50 degrees to flat.
Form of Opening: Strip Mine.
Location of Mine: Sec. 11, Twp. 7, Rge. 6, W. 5th Mer.
Coal Mining Lease Number: 5710.
C.P.R. Mine.
Registered Trade Name: Tent Mountain Coal.
Character of Coal: Bituminous.
Date of Opening: 1949.

### Dawn Coal Mining Company
### Mine No. 1731

Authorized Capital: $10,000.00.
Mine Office: Pincher Creek, Alberta.
Mine Manager: J. Mikilik.
Mine Surveyor: F. W. Utley.
Overman: J. Mikilik.
Thickness of Seam: 7 ft.
Thickness of Cover: 100 ft.
Inclination of Seam: 30 degrees.
Form of Opening: Drift.
Location of Mine: Sec. 9, Twp. 6, Rge. 2, W. 5th Mer.
Coal Mining Lease Number: CLS 385.
Truck Mine.
Registered Trade Name: Dawn Coal.
Character of Coal: Bituminous.
Date of Opening: 1953.

## DRUMHELLER AREA

### Midland Coal Mining Company Limited
### Mine No. 367

Authorized Capital: $56,500.00.
Name of President: Mrs. S. L. McMullen.
Names of Directors: Mrs. S. L. McMullen, S. G. McMullen, W. R. Sandercock, Q.C.
Name of Sec.-Treasurer: S. G. McMullen.
Head Office: Drawer H, Drumheller, Alta.
Mine Office: Midlandvale, Alberta.
General Manager: S. G. McMullen.
Mine Manager: Thomas Campbell.
Mine Surveyor: Allan Hamilton.
Overman: A. K. Burrell.
Firebosses: Messrs. Bobrosky, Ewing, Harris, Holowatiuk, Hulbert, May, Price, Roberts, Shields, Whitehead.
Thickness of Seam: 5½ ft. to 6½ ft.
Thickness of Cover: 550 ft. to 600 ft.
Inclination of Seam: Horizontal.
Form of Opening: Shaft. Size of Shaft: 9 ft. x 19 ft. Depth of Shaft: 138 ft.
Location of Mine: L.S. 14, Sec. 9, Twp. 29, Rge. 20, W. 4th Mer.
Coal Mining Lease Numbers: 5626, 5493 to 5496, 5481, 6131, 550 S.L.
C.N.R., C.P.R. and Truck Mine.
Registered Trade Names: Midland and Mercury Coals.
Character of Coal: Sub-bituminous.
Date of Opening: 1912.

### Red Deer Valley Coal Company Limited
### Mine No. 402

Authorized Capital: $347,106.00.
Name of President: U. S. Ansley.
Names of Directors: Wm. S. Howland; Mrs. Mary A. Howland; Miss L. M. Howland; U. S. Ansley; W. H. Patterson, Q.C.
Name of Secretary: W. H. Patterson, Q.C.
Head Office: Box 20, Drumheller, Alberta.
Mine Office: Nacmine, Alberta.
General Manager: U. S. Ansley.
Mine Manager: J. Robertson.
Mine Surveyor: J. Robertson.
Overmen: C. Currie, Wm. Jones.
Firebosses: Messrs. Ewing, Keith, Hopper, Goods, Gallagher, Halbert, Walker, Cumberford, Anderson, Roberts, Levesque, Tanner, Jurgen, Kralik.
Thickness of Cover: 190 ft. to 550 ft.
Thickness of Seam: 5½ ft.
Inclination of Seam: Horizontal.
Form of Opening: Slope. Size of Slope: 11 ft. x 7 ft. Depth of Slope: 650 ft. @ 17 degrees.
Location of Mine: Sec. 7, Twp. 29, Rge. 20, W. 4th Mer.
Coal Mining Lease Numbers: 5606, 5629, 5556.
C.N.R., C.P.R. and Truck Mine.
Registered Trade Names: Glocoal; "10-5" Coal; Renown Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1913.

### Century Coals Limited—Mine No. 422

Name of President: L. Patrick.
Head Office: Calgary, Alberta.
Mine Office: Drumheller, Alberta.
Superintendent: A. C. Hnatyshyn.
Mine Manager: Allan Hamilton.
Mine Surveyor: Allan Hamilton.
Overman: D. Mayoh.
Firebosses: W. Morse, A. Couterelle, A. Thomson, W. Taylor and G. Biro.
Thickness of Seam: 4 ft. 9 in.
Thickness of Cover: 660 ft.
Inclination of Seam: Horizontal.
Form of Opening: Shaft. Size of Shaft: 12 ft. x 20 ft. Depth of Shaft: 166 ft.
Location of Mine: L.S. 5, Sec. 9, Twp. 29, Rge. 20, W. 4th Mer.
Coal Mining Lease Number: 5572.
C.N.R., C.P.R. and Truck Mine.
Registered Trade Name: Commander Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1914.

### Star Coal Mines Limited—Mine No. 436

Authorized Capital: $25,000.00.
Name of President: Donald S. Paterson.
Names of Directors: D. S. Paterson; J. N.

Paterson, J. M. Brodie, R. W. Richards, A. E. Hoskin.
Name of Secretary-Treasurer: Ken John.
Mine Office: Aerial, Alberta.
Superintendent: R. Richards.
Mine Manager: J. T. Burton.
Mine Surveyor: R. Richards.
Overman: H. Looten.
Firebosses: D. Colley, E. M. Davies, J. Zambo, J. Vredik, P. Ludwig, W. Strecker.
Thickness of Seam: 6½ ft.
Thickness of Cover: 500 ft.
Inclination of Seam: Horizontal.
Form of Opening: Drift.
Location of Mine: S.E.¼ L.S. 7, Sec. 28, Twp. 28, Rge. 19, W. 4th Mer.
Coal Mining Lease Numbers: 5104, 5105.
C.N.R., C.P.R. Mine.
Registered Trade Name: Star Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1914.

### Brilliant Coal Company—Mine No. 1258

Authorized Capital: $300,000.00.
Name of President: J. A. Sandino.
Mine Office: Drumheller, Alberta.
General Manager: J. A. Sandino.
Mine Manager: R. Dunn.
Mine Surveyor: L. C. Stevens.
Firebosses: A. Clozza, E. Elkes and A. Armstrong.
Thickness of Seam: 6 ft.
Thickness of Cover: 400 ft. to 450 ft.
Inclination of Seam: Horizontal.
Form of Opening: Shaft and Slope. Size of Shaft: 8 ft. x 12 ft. Depth of Shaft: 120 ft. Size of Slope: 6 ft. x 8 ft. Depth of Slope: 450 ft.
Location of Mine: L.S. 15, Sec. 10, Twp. 29, Rge. 20, W. 4th Mer.
Coal Mining Lease Numbers: 5282, 5483, 6096, 6086, 6091.
C.N.R., C.P.R. and Truck Mine.
Registered Trade Name: Brilliant Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1927.

### Federated Co-Operatives Limited
### Mine No. 1421

Authorized Capital: $10,000,000.00.
Name of President: G. Urwin.
Name of Secretary: H. L. Fowler.
Name of Treasurer: D. E. Stewart.
Head Office: Saskatoon, Saskatchewan.
Mine Office: Box 200, Drumheller, Alberta.
Mine Manager: I. N. Potter.
Mine Surveyor: I. N. Potter.
Overman: J. Farmer.
Firebosses: M. Trevethin, J. Taylor, W. Barclay, E. Farmer, J. Chiuppi, H. Darbyshire.
Thickness of Seam: 5 ft. to 6 ft.
Thickness of Cover: 88 ft. to 550 ft.
Inclination of Seam: Horizontal.
Form of Opening: Shaft and Slope. Size of Shaft: 9 ft. x 15 ft. Depth of Shaft: 88 ft. Size of Slope: 7 ft. x 11 ft. Depth of Slope: 340 ft. @ 16 degrees.
Location of Mine: L.S. 13, Sec. 11, Twp. 29, Rge. 20, W. 4th Mer.
Coal Mining Lease Number: 5603.
C.N.R., C.P.R. and Truck Mine.
Registered Trade Names: Hy-Grade and Purity Hard Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1933.

### Century Coals Limited—Mine No. 1484

Name of President: Lorraine Patrick.
Name of Director: Lorraine Patrick.
Name of Secretary: Mrs. H. M. Forsey.
Head Office: 2410 - 4th Street S.W., Calgary, Alberta.
Mine Office: East Coulee, Alberta.
General Manager: A. C. Hnatyshyn.
Mine Manager: Hugh Crawford.
Mine Surveyor: A. C. Hnatyshyn.
Overmen: Stanley Mather and William Kennedy.
Firebosses: Messrs. Mather, Karashowsky, Herman, Biro, Koehler, Young, J. Gurtler, Premoroko, Sernecky, Timm, Waggoner, Olesky, Boyd, W. Young, Papp, Lowther.
Thickness of Seam: 4 ft. to 5 ft.
Thickness of Cover: 400 ft.
Inclination of Seam: Horizontal.
Form of Opening: Drift, Shaft. Size of Shaft: 15½ ft. x 12 ft. Depth of Shaft: 400 ft. Size of Slope: 8 ft. x 11 ft. Depth of Slope: 710 ft. Size of Drift: 6 ft. x 14 ft.
Location of Mine: L.S. 13, Sec. 21, Twp. 27, Rge. 18, W. 4th Mer.
Coal Mining Lease Numbers: C.P.R. 534A, 601.
C.N.R., C.P.R. and Truck Mine.
Registered Trade Names: New Wildfire Coal; Atlas Coal; Regal Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1935.

### Murray Collieries Limited—Mine No. 1491

Authorized Capital: $100,000.00.
Names of Directors: H. K. Reed and D. C. McVeigh.
Mine Office: East Coulee, Alberta.
General Managers: H. K. Reed and D. C. McVeigh.
Mine Manager: Angelo Blasetti.
Mine Surveyor: Angelo Blasetti.
Overman: Wm. L. Shephard.
Firebosses: J. MacKenzie, J. Kushnic, M. Ramsay, A. Sladek, F. Zaputil, F. Kane, R. Steven, M. Honeyman.
Thickness of Seam: 5 ft. 4 in.
Thickness of Cover: 400 ft.
Inclination of Seam: Horizontal.
Form of Opening: Drift.
Location of Mine: L.S. 1, Sec. 29, Twp. 27, Rge. 18, W. 4th Mer.
Coal Mining Lease Iumber: C.P.R. 539.
C.N.R., C.P.R. and Truck Mine.
Registered Trade Name: New Murray Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1936.

### Aetna Coals Limited—Mine No. 1511

Authorized Capital: $50,000.00.
Name of President: J. J. O'Dwyer.
Name of Sec.-Treasurer: M. A. O'Dwyer.
Mine Office: Cambria, Alberta.
Mine Manager: M. A. O'Dwyer.
Mine Surveyor: A. Hamilton.
Thickness of Seam: 7 ft.
Thickness of Cover: 400 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine, Slope. Size of Slope: 14 ft. x 7 ft. Depth of Slope: 100 ft.
Location of Mine: L.S. 1, Sec. 22, Twp. 28, Rge. 19, W. 4th Mer.
Coal Mining Lease Number: 6108.
C.P.R., C.N.R. and Truck Mine.
Registered Trade Name: Aetna Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1937.

### Wayne Coal Limited—Mine No. 1570

Authorized Capital: $10,000.00.
Name of President: J. J. O'Dwyer.
Name of Sec.-Treasurer: M. A. O'Dwyer.
Mine Office: Wayne, Alberta.
Mine Manager: J. Blair.
Mine Surveyor: A. Hamilton.
Thickness of Seam: 6 ft.
Thickness of Cover: 300 ft. to 324 ft.
Inclination of Seam: Horizontal.
Form of Opening: Slope. Size of Slope: 7 ft. x 10 ft. Depth of Slope: 250 ft.
Location of Mine: L.S. 8, Sec. 7, Twp. 28, Rge. 19, W. 4th Mer.
Coal Mining Lease Number: Freehold.
C.N.R., C.P.R. Mine.
Registered Trade Name: Sovereign Coal.

Character of Coal: Sub-bituminous.
Date of Opening: 1940.

### Amalgamated Coals Limited Mine No. 1573

Authorized Capital: $100,000.00.
Name of President: H. R. Narraway.
Name of Directors: H. R. Narraway, S. G. McMullen, A. Edmond, D. W. Clarke, E. A. Lovett.
Name of Secretary-Treasurer: A. Edmond.
Head Office: 1503 - 15th Avenue West, Calgary, Alberta.
Mine Office: East Coulee, Alberta.
Agent: T. Smith.
Mine Manager: S. Douglas.
Mine Surveyor: T. Smith.
Overmen: W. Menzies, J. Barrie.
Firebosses: G. Unsworth, I. Folden, R. Cowan; J. Bcyce, C. Harries, M. Van de Kinder, F. Ellison.
Thickness of Seam: 5 ft.
Thickness of Cover: 400 ft.
Inclination of Seam: Horizontal.
Form of Opening: Drift.
Location of Mine: L.S. 1, Sec. 20, Twp. 27, Rge. 18, W. 4th Mer.
Coal Mining Lease Number: C.P.R. 587.
C.N.R., C.P.R. and Truck Mine.
Registered Trade Name: Western Monarch Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1940.

### J. Wakaruk & Partners—Mine No. 1655

Authorized Capital: $10,000.00.
Name of President: George Wakaruk.
Name of Secretary-Treasurer: J. Wakaruk.
Mine Office: Drumheller, Alberta.
Mine Surveyor: A. G. Macaulay.
Overman: George Wakaruk.
Fireboss: J. Wakaruk.
Thickness of Seam: 4½ ft.
Thickness of Cover: 180 ft.
Inclination of Seam: Horizontal.
Form of Opening: Slope. Size of Slope: 6 ft. x 8 ft. Depth of Slope: 65 ft.
Location of Mine: L.S. 9 and 10, Sec. 22, Twp. 29, Rge. 20, W. 4th Mer.
Coal Mining Lease Numbers: 5593, 6022.
Truck Mine.
Registered Trade Name: Cozy Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1947.

### Mark Sands & Partners—Mine No. 1666

Authorized Capital: $47,000.00.
Mine Office: Rosedale, Alberta.
Mine Surveyor: A. Hamilton.
Overman: Rowland Nelson.
Thickness of Seam: 2 ft.
Thickness of Cover: 12 ft. to 40 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: L.S. 16, Sec. 16, Twp. 28, Rge. 19, W. 4th Mer.
Coal Mining Lease Number: C.P.R. 754.
Truck Mine.
Registered Trade Name: Subway Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1947.

### Victor Leonhardt—Mine No. 1668

Authorized Capital: $10,000.00.
Name of Sec.-Treasurer: V. Leonhardt.
Mine Office: Drumheller, Alberta.
Mine Manager: V. Leonhardt.
Mine Surveyor: Allan Hamilton.
Foreman: V. Leonhardt.
Thickness of Seam: 2 ft.
Thickness of Cover: 20 ft. to 25 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: L.S. 3, Sec. 17, Twp. 29, Rge. 19, W. 4th Mer.
Coal Mining Lease Number: 5897.
Truck Mine.
Registered Trade Name: Lion Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1948.

### Joy Coal Company—Mine No. 1669

Authorized Capital: $14,740.00.
Names of Partners: John Kushnir, Adolph Skinberg, Warren Young.
Name of Sec.-Treasurer: Harold Brooks.
Mine Office: Cambria, Alberta.
General Manager: A. Skinberg.
Mine Manager: W. S. Appleby.
Mine Surveyor: Allan Hamilton.
Overman: W. S. Appleby.
Thickness of Seam: 3 ft. 4 in.
Thickness of Cover: 300 ft. to 400 ft.
Inclination of Seam: Horizontal.
Form of Opening: Drift.
Location of Mine: L.S. 14, Sec. 18, Twp. 28, Rge. 19, W. 4th Mer.
Coal Mining Lease Numbers: C.P.R. 668, 730, 756 and R.A. 444.
C.N.R., C.P.R. and Truck Mine.
Registered Trade Name: Sunshine Coals.
Character of Coal: Sub-bituminous.
Date of Opening: 1948.

## EDMONTON AREA

### Sundance Mines Limited—Mine No. 129

Authorized Capital: $20,000.00.
Name of President: Paul H. Cote.
Names of Directors: Paul H. Cote, Dr. L. P. Mousseau.
Name of Secretary: P. E. Poirier.
Head Office: 526 Tegler Building, Edmonton, Alberta.
Mine Office: Cardiff, Alberta.
General Manager: Paul H. Cote.
Mine Manager: Geo. Vranas.
Mine Surveyor: L. C. Stevens.
Thickness of Seam: 10 ft.
Thickness of Cover: 45 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: Sec. 24, Twp. 55, Rge. 25, W. 4th Mer.
Coal Mining Lease Number: 5669.
C.N.R., N.A.R., C.P.R. and Truck Mine.
Registered Trade Name: Suncole.
Character of Coal: Sub-bituminous.
Date of Opening: 1907.

### Black Gem Coal Company Limited Mine No. 1266

Authorized Capital: $20,00.00.
Name of President: Peter Shaw.
Name of Directors: S. Tobychuk, M. Gervais, J. Sember, W. Mudry.
Name of Secretary: W. Mudry.
Name of Treasurer: Peter Shaw.
Mine Office: Namao, Alberta.
General Manager: Peter Shaw.
Mine Manager: A. Johnstone.
Mine Surveyor: L. C. Stevens.
Overman: A. Johnstone.
Thickness of Seam: 7 ft.
Thickness of Cover: 95 ft.
Inclination of Seam: Horizontal.
Form of Opening: Drift.
Location of Mine: L.S. 14, Sec. 36, Twp 54, Rge. 25, W. 4th. Mer.
Coal Mining Lease Number: C.P.R. 596.
N.A.R., C.N.R. and Truck Mine.
Registered Trade Name: Black Gem Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1927.

### Samis Collieries Limited—Mine No. 1316

Head Office: 203 Wallace Building, Edmonton, Alberta.
Mine Office: Namao, Alberta.
General Manager: K. E. Samis.
Mine Manager: A. B. Lister.
Mine Surveyor: L. C. Stevens.
Thickness of Seam: 8 ft.
Thickness of Cover: 75 ft.
Inclination of Seam: Horizontal.

Form of Opening: Slope. Size of Slope: 6 ft. x 7 ft. Depth of Slope: 150 ft.
Location of Mine: S.W.¼ Sec. 36, Twp. 54, Rge. 25, W. 4th Mer.
Coal Mining Lease Number: 6018.
C.N.R., C.P.R. and Truck Mine.
Registered Trade Name: Samis Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1929.

### Riverdale Coals Limited—Mine No. 1463

Authorized Capital: $20,000.00.
Name of President: C. K. Brzuskiewicz.
Names of Directors: M. Chura, S. Brzuskiewicz.
Name of Sec.-Treasurer: J. Mazolewski.
Head Office: 10451 - 77th Street, Edmonton, Alberta.
Mine Office: Namao, Alberta.
General Manager: C. K. Brzuskiewicz.
Mine Surveyor: David Jones.
Overman: S. Brzuskiewicz.
Fireboss: F. Parobchak.
Thickness of Seam: 4½ ft. to 5 ft.
Thickness of Cover: 95 ft.
Inclination of Seam: Horizontal.
Form of Opening: Drift.
Location of Mine: S.W.¼ Sec. 8, Twp. 55, Rge. 24, W. 4th Mer.
Coal Mining Lease Number: Freehold.
C.N.R., C.P.R. and Truck Mine.
Registered Trade Name: Riverdale Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1934.

### Egg Lake Coal Company Limited
### Mine No. 1582

Name of President: G. Y. Gouin.
Name of Sec.-Treasurer: E. Beke.
Mine Office: Morinville, Alberta.
General Manager: G. Y. Gouin.
Mine Surveyor: David Jones.
Foreman: Frank Fellows.
Thickness of Seam: 6 ft.
Thickness of Cover: 20 ft. to 30 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: N.E.¼ Sec. 26, Twp. 56, Rge. 26, W. 4th Mer.
Coal Mining Lease Numbers: 5600, 6090, C.P.R. 747.
C.N.R., C.P.R., N.A.R. and Truck Mine.
Registered Trade Name: Egg Lake Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1939.

### J. B. Starky Company Limited
### Mine No. 1626

Authorized Capital: $250,000.00.
Name of President: J. B. Starky.
Names of Directors: J. B. Starky, E. A. Mills.
Name of Secretary-Treasurer: E. A. Mills
Head Office: 10631 - 92nd Street, Edmonton, Alberta.
Mine Office: R.R. 2, St. Albert, Alberta.
General Manager: J. B. Starky.
Mine Manager: W. T. Worthington.
Mine Surveyor: W. T. Worthington, Jr.
Overman: W. T. Worthington, Jr.
Firebosses: Harry Wales, James McMillan.
Thickness of Seam: 8 ft.
Thickness of Cover: 75 ft. to 90 ft.
Inclination of Seam: Horizontal.
Form of Opening: Shaft. Hoistshaft, Size of Shaft: 8 ft. x 12 ft. Depth of Shaft: 75 ft.
Location of Mine: L.S. 4, Sec. 36, Twp. 54, Rge. 25, W. 4th Mer.
Coal Mining Lease Number: C.P.R. 610.
N.A.R. and Truck Mine.
Registered Trade Name: Star-Key Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1945.

### Morinville Colliery Limited
### Mine No. 1635

Authorized Capital: $40,000.00.
Name of President: J. Camarta.
Names of Directors: J. Camarta, J. O. C. McDonald, J. Schafers.
Name of Secretary: J. O. C. McDonald.
Name of Treasurer: J. Schafers.
Mine Office: Morinville, Alberta.
General Manager: J. Camarta.
Mine Surveyor: L. C. Stevens.
Overman: J. Camarta.
Thickness of Seam: 7 ft.
Thickness of Cover: 50 ft.
Inclination of Seam: Horizontal.
Form of Opening: Slope. Size of Slope: 7 ft. x 7 ft. Depth of Slope: 175 ft.
Location of Mine: L.S. 1, Sec. 32, Twp. 55, Rge. 25, W. 4th Mer.
Coal Mining Lease Number: 5565.
C.N.R., C.P.R. and Truck Mine.
Registered Trade Name: Spitfire Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1945.

### A. H. Horkulak—Mine No. 1641

Mine Office: Box 4092, South Edmonton, Alberta.
Mine Manager: A. Horkulak.
Mine Surveyor: L. C. Stevens.
Overman: A. Horkulak.
Thickness of Seam: 4 ft. 8 in.
Thickness of Cover: 100 ft.
Inclination of Seam: Horizontal.
Form of Opening: Slope. Size of Slope: 7 ft. x 7 ft. Depth of Slope: 90 ft.
Location of Mine: L.S. 9 and 16, Sec. 26, Twp. 51, Rge. 25, W. 4th Mer.
Coal Mining Lease Number: 5520.
Truck Mine.
Registered Trade Name: Rabbit Hill Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1946.

### J. G. Mucha—Mine No. 1684

Authorized Capital: $15,000.00.
Mine Office: Box 4044, S. Edmonton, Alta.
Manager: J. G. Mucha.
Mine Surveyor: L. C. Stevens.
Thickness of Seam: 2 ft.
Thickness of Cover: 20 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: L.S. 10 and 11, Sec. 25, Twp. 51, Rge. 25, W. 4th Mer.
Coal Mining Lease Number: C.P.R. 623.
Truck Mine.
Registered Trade Name: Bright Service Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1948.

### Banner Coals Limited—Mine No. 1724

Name of President: J. B. Starky.
Name of Secretary-Treasurer: E. A. Mills.
Head Office: 10631 - 92nd Street, Edmonton, Alberta.
Mine Office: Cardiff, Alberta.
Mine Surveyor: W. T. Worthington, Jr.
Foreman: H. Coljee.
Blaster: Elmer Fewcett.
Thickness of Seam: 5 ft.
Thickness of Cover: 20 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: L.S. 2, Sec. 24 and L.S. 15, Sec. 13, Twp. 55, Rge. 25, W. 4th Mer.
Coal Mining Lease Numbers: 6030, C.P.R. 740.
C.N.R., C.P.R., N.A.R., and Truck Mine.
Registered Trade Name: New Penn Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1951.

### Whitemud Creek Coal Company Limited
### Mine No. 1727

Authorized Capital: $21,000.00.
Name of President: W. Fridel.
Name of Director: J. Fridel.
Name of Secretary-Treasurer: J. Lang.

Head Office: 10659 - 93rd Street, Edmonton, Alberta.
Mine Office: R.R. 3, South Edmonton, Alberta.
General Manager: W. Fridel.
Mine Manager: A. Park.
Mine Surveyor: L. C. Stevens.
Overman: A. Park.
Fireboss: F. Ewing.
Thickness of Seam: 6 ft. to 8 ft.
Thickness of Cover: 165 ft.
Inclination of Seam: Horizontal.
Form of Opening: Slope. Size of Slope: 6 ft. x 6 ft. Depth of Slope: 270 ft.
Location of Mine: S.W.¼ Sec. 13, Twp. 52, Rge. 25, W. 4th Mer.
Coal Mining Lease Number: C.P.R. 742.
C.P.R. and Truck Mine.
Registered Trade Name: Red Hot Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1952.

## GLEICHEN AREA

### Blackfoot Indians—Mine No. 72a.

Head Office: Blackfoot Indian Agency, Gleichen, Alberta.
Mine Office: Cluny, Alberta.
Superintendent: W. P. B. Pugh.
Mine Manager: T. Marshall.
Mine Surveyor: W. E. G. Hall.
Thickness of Seam: 5½ ft.
Thickness of Cover: 150 ft.
Inclination of Seam: Horizontal.
Form of Opening: Drift.
Location of Mine: Sec. 12, Twp. 21, Rge. 21, W. 4th Mer.
Truck Mine.
Character of Coal: Sub-bituminous.
Date of Opening: 1902.

### C. H. Fleischer & R. H. Buzzard
### Mine No. 1431

Mine Office: Rosebud, Alberta.
Mine Manager: R. H. Buzzard.
Mine Surveyor: David Jones.
Overman: Alex McCulloch.
Thickness of Seam: 3½ ft.
Thickness of Cover: 80 ft. to 100 ft.
Inclination of Seam: Horizontal.
Form of Opening: Slope. Size of Slope: 7 ft. x 5 ft. Depth of Slope: 30 ft.
Location of Mine: L.S. 3 and 6, Sec. 29, Twp. 26, Rge. 21, W. 4th Mer.
Coal Mining Lease Number: C.P.R. 704.
Truck Mine.
Registered Trade Name: Consumer's Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1933.

### Wm. McMillan—Mine No. 1521

Mine Office: Rosebud, Alberta.
Mine Manager: Alex McMillan.
Mine Surveyor: David Jones.
Overmen: Alex McMillan, John Hamilton.
Thickness of Seam: 3½ ft.
Thickness of Cover: 0 to 100 ft.
Inclination of Seam: Horizontal.
Form of Opening: Slope. Size of Slope: 5 ft. x 6 ft. Depth of Slope: 140 ft.
Location of Mine: L.S. 14 and 15, Sec. 20, Twp. 26, Rge. 21, W. 4th Mer.
Coal Mining Lease Number: C.P.R. 664.
Truck Mine.
Registered Trade Name: Supreme of the Valley Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1937.

## HALCOURT AREA

### F. G. Gibney—Mine No. 651

Mine Office: Grande Prairie, Alberta.
Mine Manager: F. G. Gibney.
Mine Surveyor: L. C. Stevens.
Thickness of Seam: 2½ ft.
Thickness of Cover: 90 ft.
Inclination of Seam: Horizontal.
Form of Opening: Drift. Size of Shaft: 4 ft. x 5 ft. Depth of Shaft: 90 ft.
Location of Mine: L.S. 15, Sec. 35, Twp. 70, Rge. 7, W. 6th Mer.
Coal Mining Lease Numbers: 2737, 5461, 6020, R.A. 361.
Truck Mine.
Registered Trade Name: County Coal.
Character of Coal: Bituminous.
Date of Opening: 1916.

### Hillside Coal Company—Mine No. 1588

Mine Office: Halcourt, Alberta.
Mine Manager: L. L. Cage.
General Managers: L. L. Cage and W. Ray.
Thickness of Seam: 2 ft.
Thickness of Cover: 18 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: L.S. 14, Sec. 24, Twp. 70, Rge. 11, W. 6th Mer.
Coal Mining Lease Number: 6130.
Truck Mine.
Registered Trade Name: Hillside Coal.
Character of Coal: Bituminous.
Date of Opening: 1942.

### Michael Romaniuk—Mine No. 1704

Mine Office: Beaverlodge, Alberta.
Mine Manager: Michael Romaniuk.
Mine Surveyor: L. C. Stevens.
Thickness of Seam: 2 ft.
Thickness of Cover: 16 ft. to 30 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: L.S. 3 and 6, Sec. 21, Twp. 70, Rge. 10, W. 6th Mer.
Coal Mining Lease Number: 5831.
Truck Mine.
Registered Trade Name: Burn E.Z. Coal.
Character of Coal: Bituminous.
Date of Opening: 1949.

## LETHBRIDGE AREA

### J. A. S. Wukustch—Mine No. 738

Head Office: 1406 - 3rd Avenue South, Lethbridge, Alberta.
Mine Office: Lethbridge, Alberta.
Mine Manager: J. A. S. Wukusich.
Mine Surveyor: J. F. Hamilton.
Overman: J. A. S. Wukusich.
Thickness of Seam: 2 ft.
Thickness of Cover: 20 ft. to 200 ft.
Inclination of Seam: Horizontal.
Form of Opening: Drift. Air-shaft, Size of Shaft: 4 ft. x 4 ft. Depth of Shaft: 35 ft. Slope, Size of Slope: 4 ft. x 6 ft. Depth of Slope: 25 ft.
Location of Mine: L.S. 2 and 7, Sec. 11, Twp. 8, Rge. 22, W. 4th Mer.
Coal Mining Lease Number: 5522.
Truck Mine.
Registered Trade Name: Santa-Maria Coal.
Character of Coal: Bituminous.
Date of Opening: 1909.

### Steve's Mine—Mine No. 1086

Mine Office: Lethbridge, Alberta.
Mine Manager: Steve Kocsis.
Mine Surveyor: J. F. Hamilton.
Overman: Steve Kocsis.
Thickness of Seam: 3½ ft.
Thickness of Cover: 15 ft. to 120 ft.
Inclination of Seam: Horizontal.
Form of Opening: Drift. Shaft. Size of Shaft: 5 ft. x 6 ft. Depth of Shaft: 28 ft.
Location of Mine: L.S. 8 and 9, Sec. 7, Twp. 7, Rge. 21, W. 4th Mer.
Coal Mining Lease Number: 6112.
Truck Mine.
Registered Trade Name: Steve's Mine.
Character of Coal: Bituminous.
Date of Opening: 1923.

### Lethbridge Collieries Limited
### Mine No. 1263

Authorized Capital: $1,400,000.00.
Name of President: Leslie Munroe.
Names of Directors: L. Munroe, A. R. Dingman, E. A. Lovett, G. R. Whitmore, C. R. Tanner.
Name of Secretary: C. T. Webb.
Name of Treasurer: E. R. Johnson.
Registered Office: 137 - 9th Avenue East, Calgary, Alberta.
Mine Office: Lethbridge, Alberta.
General Manager: J. M. Davidson.
Mine Manager: J. Brady.
Mine Surveyor: R. D. Livingstone.
Overman: Daniel Crabb.
Firebosses: Messrs. Loula, Macaulay, Strickland, Yorko, Batchelor, Raubon, Kovacs.
Thickness of Seam: 5 ft.
Thickness of Cover: 263 ft.
Inclination of Seam: Dip 2 degrees N. 56 degrees W.
Form of Opening: Shaft. Size of Shafts: 9 ft. x 9 ft.; 9 ft. x 24 ft. Depth of Shaft: 263 ft.
Location of Mine: L.S. 11, Sec. 30, Twp. 10, Rge. 21, W. 4th Mer.
Coal Mining Lease Numbers: 6005, R.A. 312, 347.
C.P.R. Mine.
Registered Trade Names: Galt Coal, Cadillac Coal, Imperial Coal.
Character of Coal: Bituminous.
Date of Opening: 1927.

### Lethbridge Collieries Limited
### Mine No. 1464

Authorized Capital: $1,400,000.00.
Name of President: Leslie Munroe.
Name of Directors: L. Munroe, A. R. Dingman, E. A. Lovett, G. R. Whitmore, C. R, Tanner.
Name of Secretary: C. T. Webb.
Name of Treasurer: E. R. Johnson.
Registered Office: 137 - 9th Avenue East, Calgary, Alberta.
Mine Office: Lethbridge, Alberta.
General Manager: J. M. Davidson.
Mine Manager: A. G. Donaldson.
Mine Surveyor: R. D. Livingstone.
Overman: H. Tyrer.
Firebosses: Messrs. Donaldson, Peta, Brugos, Berze, Boychuk, Wrystok, Stewart, Ridgway, Bridolli.
Thickness of Seam: 4 ft.
Thickness of Cover: 400 ft.
Inclination of Seam: 1 ft. to 75 ft. N. 8 degrees W.
Form of Opening: Shaft. Size of Shafts: 8 ft. 9 in. x 18 ft. 11 ft. x 18 ft. 9 in.; Depth of Shaft: 359 ft.
Location of Mine: L.S. 3, Sec. 2, Twp. 9, Rge. 22, W. 4th Mer.
Coal Mining Lease Numbers: 627, 630, R.A. 374, 459, C.P.R. 524.
C.P.R. Mine.
Registered Trade Names: Galt Coal, Cadillac Coal, Imperial Coal.
Character of Coal: Bituminous.
Date of Opening: 1934.

### J. J. Hamilton Coal Company
### Mine No. 1581

Mine Office: Lethbridge Alberta.
Mine Manager: J. J. Hamilton.
Mine Surveyor: J. F. Hamilton.
Overman: E. Tyrer.
Firebosses: S. Lesson, A. Koshman.
Thickness of Seam: 4 ft.
Thickness of Cover: 235 to 475 ft.
Inclination of Seam: 2 degrees N.W.
Form of Opening: Shaft. Size of Shaft: 9 ft. x 8 ft. Depth of Shaft: 235 ft.
Location of Mine: L.S. 11, Sec. 24, Twp. 9, Rge. 22, W. 4th Mer.
Coal Mining Lease Number: 5370.
C.P.R. and Truck Mine.
Registered Trade Name: Federal Coal.
Character of Coal: Bituminous.
Date of Opening· 1941.

### L. C. McClain—Mine No. 1685

Name of President: L. C. McClain.
Mine Office: Magrath, Alberta.
Mine Manager: T. Minor.
Mine Surveyor: J. F. Hamilton.
Foreman: T. Minor.
Thickness of Seam: 3 ft.
Thickness of Cover: 14 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: S.E.¼ Sec. 18, Twp. 7, Rge. 21, W. 4th Mer.
Coal Mining Lease Number: Indian Reserve.
Truck Mine.
Registered Trade Name: M & M Coal.
Character of Coal: Bituminous.
Date of Opening: 1948.

## MOUNTAIN PARK AREA

### Luscar Coals Limited—Mine No. 905

Authorized Capital: $650,000.00.
Name of President: A. M. Mitchell.
Names of Directors: A. M. Mitchell, M. Reid, R. M. Jenkinson, W. O. Parlee.
Name of Sec.-Treasurer: P. J. Cullimore.
Head Office: 410 Tegler Building, Edmonton, Alberta.
Mine Office: Luscar, Alberta.
Mine Manager: A. A. Fraser.
Mine Surveyor: N. C. Clyburn.
Foremen: N. C. Clyburn, J. C. Mitchell.
Thickness of Seam: 45 ft.
Thickness of Cover: 35 degrees to outcrop.
Inclination of Seam: 35 degrees.
Form of Opening: Strip Mine.
Location of Mine: L.S. 7, Sec. 23, Twp. 47, Rge. 24, W. 5th Mer.
Coal Mining Lease Numbers: 5213, 5387, 5411.
C.N.R. Mine.
Registered Trade Names: Luscar Coal and Luscar Briquettes.
Character of Coal: Bituminous.
Date of Opening: 1921.

## NORDEGG AREA

### Brazeau Collieries Limited—Mine No. 256

Authorized Capital: $4,000,000.00.
Name of President: J. A. Boyd.
Name of Directors: J. A. Boyd, H. S. Gausby, A. D. Sturrock, P. Lash, C. R. T. Cunningham.
Name of Sec.-Treasurer: H. S. Gausby.
Head Office: 1720 King Street West, Toronto 1, Ontario.
Mine Office: Nordegg, Alberta.
General Manager: A. D. Sturrock.
Mine Manager: Z. D'Amico.
Mine Surveyor: A. McMullen.
Overman: D. Duncan.
Firebosses: Messrs. Hall, Minue, Jahelka, Barton, China
Thickness of Seams: No. 2 Seam: 6 ft.; No. 3 Seam: 13 ft.
Thickness of Covers: No. 2 Seam: 314 ft.; No. 3 Seam: 293 ft.
Inclination of Seam: 12 degrees.
Form of Opening: Slope. Size of Slopes: No. 2 Seam: 6 ft. x 12 ft.; No. 3 Seam: 13 ft. x 12 ft. Depth of Slopes: 4,000 ft.
Location of Mine: Twp. 40, Rge. 15, W. 5th Mer.
Coal Mining Lease Numbers: 5645, 6126, 6127.
C.N.R. Mine.
Registered Trade Name: Brazeau Bituminous Steam Coal, Brazeau Briquettes.
Character of Coal: Bituminous.
Date of Opening: 1910.

## PAKOWKI AREA

### M. R. Johnson & E. Davis—Mine No.1318

Mine Office: Elkwater, Alberta.
Authorized Capital: $4,000.00.
Mine Manager: M. R. Johnson.
Mine Surveyor: E. Ashburner.
Overman: M. R. Johnson.
Thickness of Seam: 6 ft.
Thickness of Cover: 0 ft. to 200 ft.
Inclination of Seam: Horizontal.
Form of Opening: Drift.
Location of Mine: L.S. 10, Sec. 23, Twp. 8, Rge. 3, W. 4th Mer.
Coal Mining Lease Number: 2890.
Truck Mine.
Registered Trade Name: Elkwater Lake Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1929.

## PEKISKO AREA

### Ideal Coal Limited—Mine No. 1516

Name of President: Frederick L. Irving.
Names of Directors: Donald Irving, Frederick Irving, Peter M. Ramsay.
Name of Sec.-Treasurer: P. M. Ramsay.
Head Office: 607 Maclean Block, Calgary, Alberta.
Mine Office: Priddis, Alberta.
General Manager: P. M. Ramsay.
Mine Surveyor: W. E. G. Hall.
Overman: Thomas Coulter.
Thickness of Seam: 3½ ft.
Thickness of Cover: 140 ft.
Inclination of Seam: 6 degrees.
Form of Opening: Slope. Size of Slope: 6 ft. x 7 ft. Depth of Slope: 228 ft.
Location of Mine: L.S. 14, Sec. 4, Twp. 22, Rge. 3, W. 5th Mer.
Coal Mining Lease Numbers: 5614, 5636.
C.P.R. and Truck Mine.
Registered Trade Name: Ideal Coal.
Character of Coal: Bituminous.
Date of Opening: 1937.

## PEMBINA AREA

### The Alberta Southern Coal Company Limited—Mine No. 419

Authorized Capital: $20,000.00.
Name of President: James C. Cook.
Names of Directors: J. C. Cook, F. C. Mannix, M. M. McDonald, E. W. Costello.
Name of Secretary: E. W. Costello.
Name of Treasurer: E. Connelly
Head Office: Taber, Alberta.
Mine Office: Wabamun, Alberta.
General Manager: James C. Cook.
Mine Manager: John Vivyurka.
Mine Surveyor: P. R. Beusnal.
Thickness of Seams: 22 in., 26 in., 102 in.
Thickness of Cover: 56 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: L.S. 15, Sec. 9, Twp. 53, Rge. 4, W. 5th Mer.
Coal Mining Lease Numbers: 572, 663.
C.N.R. and Truck Mine.
Registered Trade Names: Victory and Blue Flame Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1913.

### Strawberry Creek Coal Company Limited
### Mine No. 1644

Authorized Capital: $20,000.00.
Name of President: Leslie Gabriel Karsay.
Name of Directors: L. G. Karsay, Joe Balga, Elaine Liba.
Name of Secretary-Treasurer: Elaine Liba.
Mine Office: Warburg, Alberta.
General Manager: L. G. Karsay.
Mine Surveyor: David Jones.
Foreman: Frank Fodor.
Thickness of Seam: 3 ft. 3 in.
Thickness of Cover: 20 ft. to 50 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: L.S. 6 and 11, Sec. 13, Twp. 49, Rge. 3, W. 5th Mer.
Coal Mining Lease Number: C.P.R. 617.
Truck Mine.
Registered Trade Name: Strawberry Creek Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1946.

### H. Rhodes & Son—Mine No. 1657

Mine Office: Entwistle, Alberta.
Mine Manager: H. Rhodes.
Mine Surveyor: L. C. Stevens.
Overman: H. Rhodes.
Thickness of Seam: 4 ft.
Thickness of Cover: 100 ft.
Inclination of Seam: Horizontal.
Form of Opening: Drift.
Location of Mine: L.S. 9 and 16, Sec. 10, Twp. 54, Rge. 7, W. 5th Mer.
Coal Mining Lease Number: 5619.
Truck Mine.
Registered Trade Name: Onyx Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1947.

### Warburg Coal Company Limited
### Mine No. 1670

Name of President: H. F. Hansen.
Name of Sec.-Treasurer: K. J. Hansen
Mine Office: Warburg, Alberta.
Mine Manager: H. F. Hansen.
Mine Surveyor: David Jones.
Blaster: J. Halasz.
Thickness of Seam: 3½ ft.
Thickness of Cover: 20 to 30 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: L.S. 1, Sec. 24, L.S. 14, Sec. 13, Twp. 49, Rge. 3, W. 5th Mer.
Coal Mining Lease Numbers: C.P.R. 656, 5840.
Truck Mine.
Registered Trade Name: Pinter Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1948.

### Strawberry Creek Coal Company Limited
### Mine No. 1712

Mine Office: Warburg, Alberta.
General Manager: L. G. Karsay.
Mine Surveyor: David Jones.
Foreman: F. Fodor.
Thickness of Seam: 4½ ft.
Thickness of Cover: 45 ft. to 50 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: N.W.¼ L.S. 12, Sec. 20, Twp. 49, Rge. 2, W. 5th Mer.
Coal Mining Lease Number: 5934.
Truck Mine.
Registered Trade Name: Globrite Coal.
Character of Coal. Sub-bituminous.
Date of Opening: 1950.

### Pembina Peerless Coal—Mine No. 1739

Mine Office: Entwistle, Alberta.
Manager: C. Ostertag.
Mine Surveyor: L. C. Stevens.
Foremen: C. Ostertag, G. Ostertag.
Thickness of Seam: 4½ ft.
Thickness of Cover: 20 ft. to 40 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: N.W.¼ Sec. 2, Twp. 54, Rge. 7, W. 5th Mer.
Coal Mining Lease Number: Freehold.
Truck Mine.
Registered Trade Name: Pembina Peerless Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1954.

### PRAIRIE CREEK AREA

**Yellowhead Hard Coal Company**

**Mine No. 1714**

Mine Office: Hinton, Alberta.
Mine Manager: Karl H. Urban.
Mine Surveyor: David Jones.
Overman: Karl H. Urban.
Thickness of Seam: 5 ft.
Thickness of Cover: 85 ft.
Inclination of Seam: 16 degrees.
Form of Opening: Slope. Size of Slope: 12 ft. x 6 ft. Depth of Slope: 442 ft.
Location of Mine: L.S. 7, Sec. 11, Twp. 51, Rge. 25, W. 5th Mer.
Coal Mining Lease Number: 5924.
C.N.R. and Truck Mine.
Registered Trade Name: Yellowhead Hard Coal.
Character of Coal: Bituminous.
Date of Opening: 1950.

### REDCLIFF AREA

**Ajax Coal Company—Mine No. 772**

Mine Office: 15 Central Building, Medicine Hat, Alberta.
General Manager: Rudolf Radke.
Mine Surveyor: J. F. Hamilton.
Overman: Marcello Valentini.
Thickness of Seam: 6 ft.
Thickness of Cover: 200 ft.
Inclination of Seam: Horizontal.
Form of Opening: Drift.
Location of Mine: L.S. 3, Sec. 5, Twp. 13, Rge. 6, W. 4th Mer.
Coal Mining Lease Number: 6174.
Truck Mine.
Registered Trade Name: Ajax Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1918.

### SAUNDERS AREA

**Alexo Coal Company Limited**

**Mine No. 852**

Authorized Capital: $200,000.00.
Name of President: P. F. Pullen.
Names of Directors: Mrs. E. F. Pullen, P. F. Pullen, E. G. Pullen, P. M. Higgins, C. C. Clark.
Name of Secretary: E. G. Pullen.
Head Office: Oakville, Ontario.
Mine Office: Alexo, Alberta.
General Manager: P. F. Pullen.
Mine Manager: R. Tennant.
Mine Surveyor: P. F. Pullen.
Overman: L. Gladwin.
Firebosses: A. Pollitt, W. Prokipetz.
Thickness of Seam: 5 ft.
Thickness of Cover: 560 ft.
Inclination of Seam: 9 degrees.
Form of Opening: Slope. Size of Slope: 6 ft. x 10 ft. Depth of Slope: 2700 ft.
Location of Mine: Sec. 27, Twp. 40, Rge. 13, W. 5th Mer.
Coal Mining Lease Numbers: 5405, 5390, 5398, 6010.
C.N.R. Mine.
Registered Trade Name: Alexo & Acorn Saunders Coal.
Character of Coal: Bituminous.
Date of Opening: 1920.

### SHEERNESS AREA

**Western Dominion Coal Company**

**Mine No. 443**

Name of President: D. S. Paterson.
Names of Directors: J. M. Brodie, J. Paterson, A. D. Hawkes.
Name of Secretary-Treasurer: K. John.
Head Office: Taylorton, Saskatchewan.
Mine Office: Sheerness, Alberta.
Manager: R. L. Wood.
Mine Surveyor: David Jones.
Foreman: C. Lamb.
Thickness of Seam: 6 ft.
Thickness of Cover: 20 ft. to 35 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: Sec. 13, Twp. 29, Rge. 13, W. 4th Mer.
Coal Mining Lease Numbers: 6116, 6004, 5190, C.P.R. 443, 442, 441, 559.
C.N.R. and Truck Mine.
Registered Trade Names: Roselyn and Volcano Coals.
Character of Coal: Sub-bituminous.
Date of Opening: 1914.

**Lehigh Coal Company Limited**

**Mine No. 1597**

Authorized Capital: $300,000.00.
Name of President: E. A. Lovett.
Names of Directors: E. A. Lovett; H. R. Narraway, O. I. Gilbert.
Name of Secretary: H. R. Narraway.
Head Office: 1503 - 15th Avenue West, Calgary, Alberta.
Mine Office: Sheerness, Alberta.
Manager: J. Harries.
Mine Surveyor: T. Smith.
Foreman: W. B. Ward.
Thickness of Seam: 4 ft. to 6 ft.
Thickness of Cover: 18 ft. to 26 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: L.S. 16, Sec. 12, Twp. 29, Rge. 13, W. 4th Mer.
Coal Mining Lease Numbers: 6095, 5816, RA 441, C.P.R. 752.
C.N.R. Mine.
Registered Trade Name: Crystal Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1943.

### TABER AREA

**Continental Coal Corporation Ltd.**

**Mine No. 1334**

Name of President: Victor W. Campbell.
Names of Directors: Walter Schlosser, W. DuBoise.
Name of Secretary: Wm. Sullivan.
Name of Treasurer: V. W. Campbell.
Mine Office: Grassy Lake, Alberta.
Mine Manager: V. W. Campbell.
Mine Surveyor: J. F. Hamilton.
Foreman: Albert Gross.
Thickness of Seam: 2½ ft.
Thickness of Cover: 21 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: L.S. 4, Sec. 26, Twp. 9, Rge. 13, W. 4th Mer.
Coal Mining Lease Numbers: S.L. 531, 532, 535.
C.P.R. and Truck Mine.
Registered Trade Name: Mission Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1930.

**Alberta Southern Coal Co. Ltd.**

**Mine No. 1604**

Authorized Capital: $20,000.00.
Name of President: J. C. Cook.
Names of Directors: F. C. Mannix, M. M. McDonald, E. W. Costello, J. C. Cook.
Name of Sec.-Treasurer: E. W. Costello.
Mine Office: Taber, Alberta.
General Manager: J. C. Cook.
Mine Manager: A. G. Macaulay.
Mine Surveyor: A. G. Macaulay.
Foreman: George Wanner.
Blaster: George Wanner.
Thickness of Seam: 3½ ft.
Thickness of Cover: 45 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: Sec. 1 and 12, Twp. 10,

Rge. 17, W. 4th Mer.
Coal Mining Lease Numbers: 554, 555, 556, 470, 453.
C.P.R. and Truck Mine.
Registered Trade Names: Southalta and Majestic Coals.
Character of Coal: Sub-bituminous.
Date of Opening: 1943.

### Samuel Katcher—Mine No. 1741

Authorized Capital: $6,000.00.
Name of Owner: Samuel Katcher.
Head Office: 14827 Ilene St., Detroit 38, Michigan, U.S.A.
Mine Office: Bow Island, Alberta.
Mine Manager: Engelbert Kambeitz.
Mine Surveyor: J. F. Hamilton.
Foreman: Engelbert Kambeitz.
Blaster: Engelbert Kambeitz.
Thickness of Seam: 5 ft.
Thickness of Cover: 35 ft.
Location of Mine: L.S. 5, Sec. 22, Twp. 12, Rge. 10, W. 4th Mer.
Form of Opening: Strip Mine.
Coal Mining Lease Number: 6012.
Registered Trade Name: Red Parrot Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1955.

## TOFIELD AREA

### Chappell Brothers—Mine No. 215

Head Office: 11115 - 89th Avenue, Edmonton, Alberta.
Mine Office: Dodds, Alberta.
General Manager: Howard Pratt.
Manager: A. E. Chappell.
Mine Surveyor: David Jones.
Thickness of Seam: 6 ft.
Thickness of Cover: 14 ft. to 20 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: L.S. 7, Sec. 14, Twp. 49, Rge. 18, W. 4th Mer.
Coal Mining Lease Numbers: 5544, 5545, 5526, 5571.
C.N.R. and Truck Mine.
Registered Trade Name: Red Flame Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1909.

### Tofield Coal Company Limited
### Mine No. 252

Authorized Capital: $100,000.00.
Name of President: Claude Gallinger.
Name of Sec.-Treasurer: Wilber Gallinger.
Mine Office: Tofield, Alberta.
General Manager: Claude Gallinger.
Manager: Wilber Gallinger.
Mine Surveyor: David Jones.
Blaster: N. Nikolyshyn.
Thickness of Seam: 6 ft.
Thickness of Cover: 15 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: Sec. 26, Twp. 50, Rge. 19, W. 4th Mer.
Truck Mine.
Registered Trade Name: Headlight Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1910.

### The Black Nugget Coal Company Limited
### Mine No. 1107

Authorized Capital: $28,000.00.
Name of President: F. L. Irving.
Names of Directors: D. F. Irving, H. A. Irving.
Name of Secretary-Treasurer: H. A. Irving.
Head Office: Box 273, Calgary, Alberta.
Mine Office: Dodds, Alberta.
Manager: D. F. Irving.
Mine Surveyor: David Jones.
Foreman: J. Harrison.
Blaster: N. Pooke.
Thickness of Seam: 5 ft.
Thickness of Cover: 20 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: L.S. 11 and 12, Sec. 11, Twp. 49, Rge. 18, W. 4th Mer.
Coal Mining Lease Numbers: 544 S.L., 556 S.L.
C.N.R. and Truck Mine.
Registered Trade Name: Hi-Lo Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1923.

### Ryley Coal Company Limited
### Mine No. 1206

Authorized Capital: $2,000.00.
Mine Office: Ryley, Alberta.
Mine Surveyor: David Jones.
Foreman: M. Zacharchuk.
Thickness of Seam: 11 ft.
Thickness of Cover: 10 ft. to 15 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: L.S. 1 and 8, Sec. 8, Twp. 49, Rge. 17, W. 4th Mer.
Coal Mining Lease Number: HBC 125.
Truck Mine.
Registered Trade Name: Ryley Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1925.

### Christopher Binder—Mine No. 1624

Mine Office: Ryley, Alberta.
Mine Surveyor: David Jones.
Overman: C. Binder.
Thickness of Seam: 9 ft.
Thickness of Cover: 20 ft.
Inclination of Seam: Horizontal.
Form of Opening: Slope. Size of Slope: 10 ft. x 7 ft. Depth of Slope: 80 ft.
Location of Mine: L.S. 5, Sec. 9, Twp. 49, Rge. 17, W. 4th. Mer.
Coal Mining Lease Number: C.P.R. 613.
Truck Mine.
Registered Trade Name: Ryalta Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1944.

## WESTLOCK AREA

### John Melesko—Mine No. 1517

Mine Office: Thorhild, Alberta.
Mine Surveyor: David Jones.
Foreman: John Melesko.
Thickness of Seam: 4½ ft.
Thickness of Cover: 17 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: L.S. 12 and 13, Sec. 12, Twp. 60, Rge. 21, W. 4th Mer.
Coal Mining Lease Number: 5275.
Truck Mine.
Registered Trade Name: Dandy Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1937.

### North Point Coal Company Limited
### Mine No. 1562

Authorized Capital: $30,000.00.
Name of President: L. Kassuba.
Names of Directors: L. Kasuba and T. Dombroski.
Name of Sec.-Treasurer: T. Dombroski.
Mine Office: Thorhild, Alberta.
Foreman: T. Dombroski.
Mine Surveyor: David Jones.
Thickness of Cover: 11 ft.
Thickness of Seam: 5 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: L.S. 1, Sec. 11, Twp. 60, Rge. 21, W. 4th Mer.
Coal Mining Lease Number: 5697.
Truck Mine.
Registered Trade Name: North Point Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1929.

## WHITECOURT AREA

### Clinton O. Anderson—Mine No. 1348

Name of President: Clinton O. Anderson.
Mine Office: Greencourt, Alberta.
Manager: Clinton O. Anderson.
Foreman: Clinton O. Anderson.
Thickness of Seam: 3½ ft.
Thickness of Cover: 25 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: L.S. 13, Sec. 6, Twp. 58, Rge. 9, W. 5th Mer.
Coal Mining Lease Number: 6114.
Truck Mine.
Registered Trade Name: Anderson Coal.
Character of Coal: Sub-bituminous.
Date of Opening: 1931.

### Alex Watson—Mine No. 1569

Mine Office: Blue Ridge, Alberta.
Mine Surveyor: David Jones.
Foreman: Joe Golden.
Thickness of Seam: 3 ft. 8 in.
Thickness of Cover: 9 ft. to 50 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: L.S. 12 and 13, Sec. 19, Twp. 59, Rge. 10, W. 5th Mer., L.S. 9 and 16, Sec. 24, Twp. 59, Rge. 11, W. 5th Mer.
Coal Mining Lease Number: 5354.
Truck Mine.
Registered Trade Name: Blue Ridge Coal.
Character of Coal: Sub-bituminous
Date of Opening: 1940.

## NO AREA

### Pinto Creek Coal Mines. Limited
### Mine No. 1616

Name of Secretary: S. J. Halwa.
Mine Office: Grande Prairie, Alberta.
Mine Surveyor: L. C. Stevens.
Foreman: S. J. Halwa.
Thickness of Seam: 5 ft.
Thickness of Cover: 20 ft.
Inclination of Seam: Horizontal.
Form of Opening: Strip Mine.
Location of Mine: Twp. 68, Rge. 10, W. 6th Mer.
Coal Mining Lease Number: 5598.
Truck Mine.
Registered Trade Name: Nose Mountain Coal.
Character of Coal: Bituminous.
Date of Opening: 1943.

## PARTICULARS OF OPERATING QUARRIES DURING 1955 BY AREAS

## CASCADE AREA

### Canada Cement Company Limited
### Quarry No. Q2

Name of President: J. M. Breen.
Name of Secretary: G. A. Luffman.
Name of Treasurer: R. S. Aiken.
Head Office: Phillips Square, Montreal, Quebec.
Quarry Office: Exshaw, Alberta.
Plant Superintendent: K. E. Alexander.
General Manager: J. M. Breen.
Quarry Foreman: M. Walker.
Blasters: N. Kwas, R. Pinet, J. Spagis.
Type of Mineral Extracted: Limestone.
Purpose Used: Manufacture of Portland Cement.
Thickness of Deposit: 80 ft.
Location of Quarry: N.E.¼ Sec. 22, Twp. 24, Rge. 9, W. 5th Mer.
Quarry Lease Number: Q105.
C.P.R. Quarry.
Date of Opening: 1906.

### Loder's Lime Company Limited
### Quarry No. Q3

Authorized Capital: $100,000.00.
Name of President: Eric R. Mackay.
Names of Directors: R. F. Jennings, G. H. Allen, Q.C., N. Whitehead.
Name of Secretary-Treasurer: D. E. W. Thomas.
Head Office: 940 - 8th Avenue West, Calgary, Alberta.
Quarry Office: Kananaskis, Alberta.
General Manager: D. E. W. Thomas.
Quarry Manager: A. Wilson.
Blaster: Hjalmer Karlson.
Type of Mineral Extracted: Limestone.
Purpose Used: Manufacture of Lime and Hi-Calcium Products.
Thickness of Deposit: 60 ft.
Location of Quarry: N½ Sec. 25, Twp. 24, Rge. 9, W. 5th Mer.
Quarry Lease Number: Freehold.
C.P.R. and Truck Quarry.
Date of Opening: 1906.

### Prairie Rock Wool Limited
### Quarry No. Q13

Authorized Capital: $150,000.00.
Name of President: J. C. Ferguson.
Name of Director: V. Komhyr.
Quarry Office: Exshaw, Alberta.
General Manager: J. C. Ferguson.
Quarry Manager: C. S. Gillespie.
Foreman: J. McKellar.
Type of Mineral Extracted: Shale and Limestone.
Purpose Used: Manufacture of Rock Wool.
Thickness of Deposit: 220 ft.
Thickness of Overburden: 5 ft. and 15 ft.
Location of Quarry: L.S. 9, Sec. 20, Twp. 24, Rge. 9, W. 5th Mer. L.S. 8, Sec. 19, Twp. 24, Rge. 9, W. 5th Mer.
Quarry Lease Number: Q120.
C.P.R. and Truck Quarry.
Date of Opening: 1947.

## CROWSNEST AREA

### Summit Lime Works Limited
### Quarry No. Q8

Authorized Capital: $175,000.00.
Name of President: Ralph A. Thrall.
Names of Directors: Bessie Hazell Rose, Nellie Moore, Minnie H. Thrall.
Name of Secretary: Minnie H. Thrall.
Name of Treasurer: Bessie Hazell Rose.
Quarry Office: Box 273, Lethbridge, Alta.
General Manager: Ralph A. Thrall.
Quarry Manager: John Grubisich.
Foreman: John Grubisich.
Blasters: C. Vidakovic, M. Dordevic.
Type of Mineral Extracted: Limestone.
Purpose Used: Lime and Limestone Products.
Thickness of Deposit: Several thousand feet.
Thickness of Overburden: 0 to 30 ft.
Location of Quarry: S½ Sec. 7, Twp. 8, Range 5, W. 5th Mer.
Quarry Lease Number: Q136.
C.P.R. Quarry.
Date of Opening: 1920.

## EDMONTON AREA

### J. B. Little and Sons Limited
### Quarry No. Q1

Authorized Capital: $20,000.00.
Name of President: David Little.
Names of Directors: David Little, John L. Little.
Name of Sec.-Treasurer: John L. Little.
Quarry Office: 9120 - 100th Avenue, Edmonton, Alberta.
General Manager: David Little.
Quarry Manager: David Little.
Type of Mineral Extracted: Clay.
Purpose Used: Brick Making.
Thickness of Deposit: 14 ft. to 16 ft.
Thickness of Overburden: 1 ft.

Location of Quarry: U 343, Blk. B., R.L. 20, Edmonton, Alberta.
C.P.R. Quarry.
Date of Opening: 1893.

### Alexandra Brick & Tile Co. (Canada) Ltd.
### Quarry No. Q5

Authorized Capital: $2,000,000.00.
Name of President: C. C. Cousins.
Names of Directors: C. W. Clement, F. L. Symes.
Name of Sec.-Treasurer: C. W. Clement.
Head Office: 306 Qu'Appelle Bldg., Edmonton, Alberta.
Quarry Office: Cannell, Alberta.
General Manager: C. C. Cousins.
Quarry Manager: O. R. Sluss.
Foreman: B. Powell.
Blaster: B. Powell.
Type of Mineral Extracted: Clay.
Purpose Used: Manufacture of Structural Clay Products.
Thickness of Deposit: 21 ft.
Thickness of Overburden: 1 ft.
Location of Quarry: N.E.¼ Sec. 21, Twp. 53, Rge. 25, W. 4th. Mer.
Quarry Lease Number: Q131.
C.N.R., C.P.R. and Truck Quarry.
Date of Opening: 1911.

### Inland Cement Company Limited
### Quarry No. Q22

Authorized Capital: $4,000,000.00.
Names of Directors: Messrs. Campbell, Notebaert, Nokin, Tanner, Jeanty, Debois, Pelerin, W. Forster, Dick, Manning, Blaise.
Name of Treasurer: F. L. Day.
Quarry Office: Box 555, Edmonton, Alberta.
General Manager: Roger Jeanty.
Quarry Manager: Arnold Robinson.
Type of Mineral Extracted: Clay.
Purpose Used: Manufacture of Cement.
Location of Quarry: Pts. of Sec. 15 and 22, Twp. 53, Rge. 25, W. 4th Mer.
Quarry Lease Number: Q159.
C.N.R. Quarry.
Date of Opening: 1955.

## HALCOURT AREA

### K. J. Dalen—Quarry No. Q16

Quarry Office: Grande Prairie, Alberta.
Quarry Manager: K. J. Dalen.
Type of Mineral Extracted: Clay.
Purpose Used: Brick Making.
Thickness of Deposit: 6 ft. to 12 ft.
Thickness of Overburden: ½ ft. to 1 ft.
Location of Quarry: N.E.¼ Sec. 14, Twp. 71, Rge. 6, W. 6th Mer.
N.A.R. and Truck Quarry.
Date of Opening: 1951.

## MORLEY AREA

### Renn Expanded Aggregates Limited
### Quarry No. Q20

Authorized Capital: $1,000,000.00.
Name of President: Reynold Renn.
Names of Directors: David McDonald, Steve Predy.
Name of Sec.-Treasurer: Frank H. Quigley.
Quarry Office: 34th Avenue and Blackburn Road, Calgary, Alberta.
Quarry Manager: D. McDonald.
Type of Mineral Extracted: Shale.
Purpose Used: Manufacture of light aggregates for concrete.
Thickness of Deposit: 200 ft.
Thickness of Overburden: 3 ft.
Location of Quarry: L.S. 5 and 6, Sec. 16, Twp. 26, Rge. 5, W. 5th Mer.
Quarry Lease Number: Q155.
Truck Quarry.
Date of Opening: 1955.

## MOUNTAIN PARK AREA

### Inland Cement Company Limited
### Quarry No. Q21

Authorized Capital: $4,000,000.00.
Names of Directors: H. Blaise, F. Campbell, W. L. Forster, R. Jeanty, F. E. Notebaert, M. Nokin, N. E. Tanner, W. J. Dick, F. C. Manning, Jules Dubois-Pelerin.
Name of Sec.-Treasurer: Frank L. Day.
Head Office: Box 555, Edmonton, Alberta.
Quarry Office: Cadomin, Alberta.
General Manager: Roger Jeanty.
Quarry Manager: A. J. MacBeth.
Foreman: S. Baluch.
Blaster: S. Baluch.
Type of Mineral Extracted: Limestone.
Purpose Used: Manufacture of cement.
Thickness of Deposit: 500 ft.
Thickness of Overburden: 0 to 20 ft.
Location of Quarry: L.S. 3 and 4, Sec. 31, Twp. 46, Rge. 23, W. 5th Mer., L.S. 13 and 14, Sec. 30, Twp. 46, Rge. 23, W. 5th Mer.
Quarry Lease Number: Q151.
C.N.R. Quarry.
Date of Opening: 1955.

## PAKOWKI AREA

### Medicine Hat Brick & Tile Co. Ltd.
### Quarry No. Q23

Authorized Capital: $500,000.00.
Name of President: T. A. Sissons.
Names of Directors: S. H. Albro, G. H. Sissons, T. A. Sissons, H. Mitchell, H. G. Sheasby, J. A. Cunliffe, A. Gunter.
Name of Sec.-Treasurer: T. A. Sissons.
Quarry Office: Medicine Hat, Alberta.
General Manager: G. H. Sissons.
Quarry Manager: J. A. Cunliffe.
Foreman: J. Belanger.
Blaster: J. A. Cunliffe.
Type of Mineral Extracted: Clay.
Purpose Used: Manufacture of Brick and Tile.
Thickness of Deposit: 18 ft. to 20 ft.
Thickness of Overburden: 4 ft. to 12 ft.
Location of Quarry: L.S. 6, 11, and 14, Sec. 18, Twp. 7, Rge. 2, W. 4th Mer.
Quarry Lease Number: Q161.
Date of Opening: 1955.

## PEKISKO AREA

### Light Weight Aggregates of Canada Limited—Quarry No. Q19

Authorized Capital: $20,000.00.
Name of President: L. A. Thorssen.
Names of Directors: R. M. Jefferies, V. R. Jefferies, A. S. Jefferies, B. A. Monkman.
Name of Sec.-Treasurer: R. F. Jennings.
Head Office: 5340 - 1st Street S.W., Calgary, Alberta.
Quarry Office: 9th Avenue, 24th Street East, Calgary, Alberta.
General Manager: B. A. Monkman.
Quarry Manager: F. A. Logelin.
Foreman: R. Sukarow.
Type of Mineral Extracted: Shale.
Purpose Used: Produce Expanded Shale Aggregates.
Thickness of Deposit: 50 ft. to 60 ft.
Thickness of Overburden: 0 to 12 ft.
Location of Quarry: L.S. 13, Sec. 5, Twp. 22, Rge. 3, W. 5th Mer.
Truck Quarry.
Date of Opening: 1954.

## REDCLIFF AREA

### Perry Brick & Tile Co. Ltd.
### Quarry No. Q4

Authorized Capital: $200,000.00.

Name of President: M. J. Perry.
Names of Directors: M. J. Perry, J. A. Perry, A. Sweatman.
Name of Sec.-Treasurer: J. A. Perry.
Quarry Office: Redcliff, Alberta.
General Manager: J. A. Perry.
Foreman: A. Jans.
Blaster: Paul Richter.
Type of Mineral Extracted: Clay.
Purpose Used: Manufacture of Brick and Structural Tile.
Thickness of Deposit: 60 ft.
Thickness of Overburden: 12 ft.
Location of Quarry: L.S. 11 and 15, Sec. 5, Twp. 13, Rge. 6, W. 4th Mer.
C.N.R., C.P.R. and Truck Quarry.
Date of Opening: 1908.

### Redcliff Pressed Brick Co.
### Quarry No. Q7

Name of President: Hargrave Mitchell.
Names of Directors: H. Mitchell, G. H. Sissons, T. A. Sissons, J. W. Sissons, H. G. Sheasby.
Quarry Office: Redcliff, Alberta.
Name of Sec.-Treasurer: T. A. Sissons.
General Manager: G. H. Sissons.
Quarry Manager: J. Jasman.
Foreman: J. Belanger.
Blaster: J. Jasman.
Type of Mineral Extracted: Clay and Shale.
Purpose Used: Manufacture of Bricks.
Thickness of Deposit: 60 ft.
Thickness of Overburden: 20 ft.
Location of Quarry: S.W.¼ Sec. 9, Twp. 13, Rge. 6, W. 4th Mer.
Quarry Lease Number: Freehold.
C.N.R., C.P.R. and Truck Quarry.
Date of Opening: 1913.

### Medicine Hat Brick & Tile Co. Ltd.
### Quarry No. Q14

Authorized Capital: $500,000.00.
Name of President: R. H. Mitchell.
Names of Directors: R. H. Mitchell, H. G. Sheasby, W. J. Sissons; S. Albro, A. N. Gunter, T. A. Sissons, G. H. Sissons, J. A. Cunliffe.
Name of Sec.-Treasurer: T. A. Sissons.
Quarry Office: Medicine Hat, Alberta.
General Manager: Gordon H. Sissons.
Quarry Manager: Jack A. Cunliffe.
Foreman: J. Belanger.
Blaster: J. A. Cunliffe.
Type of Mineral Extracted: Clay.
Purpose Used: Manufacture of brick and tile.
Thickness of Deposit: 50 ft.
Thickness of Overburden: 25 ft.
Location of Quarry: L.S. 1, Sec. 31, Twp. 12, Rge. 5, W. 4th Mer.
Truck Quarry.
Date of Opening: 1950.

# INDEX

Page

A

- Accidents, fatal above ground ... 25, 128
  - fatal, below ground ... 25, 128
  - serious, above ground ... 25, 128
  - serious, below ground ... 25, 128
  - slight, above ground ... 25, 128
  - slight, below ground ... 25, 128
  - fatal, quarry ... 25, 127
  - total number from 1906 to 1955 (inclusive) ... 120, 121
  - total number in each field for 1955 ... 129
  - classified according to outputs ... 125
  - tons extracted according to mines producing, per ... 125
  - tons produced in bituminous coal field by districts ... 125
  - tons produced in sub-bituminous coal field by districts ... 125
  - comparison per 1,000,000 tons produced and per 1,000 men employed, 1915-1955 (inclusive) ... 123-124
  - description of each fatal ... 127
  - by months ... 128
  - tabulated list of total ... 122
  - tabulated and classified according to districts ... 129
  - classified in bituminous fields according to cause ... 130-131
  - classified in sub-bituminous fields according to cause ... 132
  - classified according to mines in bituminous field ... 133
  - classified according to mines in sub-bituminous field ... 134

- Alberta, annual production of coal and value of same, 1905 to 1955 (inclusive) ... 24
  - bricks, total made from quarries ... 26
  - hollow tile made ... 26
  - total sale of briquettes for consumption in ... 29
  - bituminous coal sold for consumption as mine-run, in ... 39
  - bituminous coal sold for consumption as lump, in ... 40
  - bituminous coal sold for consumption as nut, in ... 41
  - bituminous coal sold for consumption as prepared stoker, in ... 42
  - bituminous coal sold for consumption as nut-slack, in ... 43
  - bituminous coal sold for consumption as slack, in ... 44
  - sub-bituminous coal sold for consumption as mine-run, in ... 45
  - sub-bituminous coal sold for consumption as lump, in ... 46
  - sub-bituminous coal sold for consumption as nut, in ... 47
  - sub-bituminous coal sold for consumption as prepared stoker, in ... 48
  - sub-bituminous coal sold for consumption as nut-slack, in ... 49
  - sub-bituminous coal sold for consumption as slack, in ... 50

B

- Bituminous production by districts from 1951-1955 (inclusive) ... 36
  - coal, disposition of total output by districts ... 30
  - coal, disposition of total output by months ... 33
  - total production by months during 1955 ... 32
  - total output of coal by districts during 1955 ... 30
  - total output of coal by districts during each month ... 37
  - total amount of coal sold by months to railroad companies ... 39
  - mine-run coal for consumption in Alberta ... 39
  - lump coal for consumption in Alberta ... 40
  - nut coal for consumption in Alberta ... 41
  - prepared stoker coal for consumption in Alberta ... 42
  - nut-slack for consumption in Alberta ... 43
  - slack coal for consumption in Alberta ... 44
  - mine-run for consumption in Saskatchewan ... 51
  - lump coal for consumption in Saskatchewan ... 52
  - nut coal for consumption in Saskatchewan ... 53
  - prepared stoker coal for consumption in Saskatchewan ... 54
  - nut-slack coal for consumption in Saskatchewan ... 55
  - slack coal for consumption in Saskatchewan ... 56
  - mine-run coal for consumption in British Columbia ... 63
  - lump coal for consumption in British Columbia ... 64
  - nut coal for consumption in British Columbia ... 65
  - prepared stoker coal for consumption in British Columbia ... 66
  - nut-slack coal for consumption in British Columbia ... 67
  - slack coal for consumption in British Columbia ... 68
  - mine-run coal for consumption in Manitoba ... 72
  - lump coal for consumption in Manitoba ... 72
  - nut coal for consumption in Manitoba ... 73
  - prepared stoker for consumption in Manitoba ... 73
  - nut-slack for consumption in Manitoba ... 74
  - slack coal for consumption in Manitoba ... 74
  - lump coal for consumption in Ontario ... 78
  - nut coal for consumption in Ontario ... 78
  - prepared stoker coal for consumption in Ontario ... 79
  - nut-slack for consumption in Ontario ... 79
  - slack coal for consumption in Ontario ... 79
  - mine-run coal for consumption in United States ... 82
  - lump coal for consumption in United States ... 82
  - nut coal for consumption in United States ... 82
  - prepared stoker for consumption in United States ... 83
  - nut-slack coal for consumption in United States ... 83
  - slack coal for consumption in United States ... 83
  - coal used under colliery boilers ... 85
  - coal used by colliery railroads ... 86
  - coal used for making briquettes ... 87
  - coal put to stock ... 88

INDEX—Continued
Page

coal put on waste heap 89
coal lifted from stock 90
coal lifted from waste 91
number of mines classified according to output 92
Bituminous mines, number of men employed at Dec. 31st, 1955 93
  number of men employed by districts classified as in occupations 93
  total men employed each month by areas 95
  per capita production for years 1910-1935 (inclusive) 98
  per capita production by districts during 1955 102
  number of days worked each month by districts 104
  total shifts worked each month by districts 106-107
  quantity of timber used by districts during 1955 111
  particulars as to lamps used in 112
  quantity of explosives used in coal 113
  tons of coal produced per pound of explosives used 114
  shots fired in coal in 115
  miss-fires in blasting coal in 116
  tons produced per accident in 125
  accidents classified according to cause in 130-131
  accidents classified according to mines in 133
Blasters' certificates issued in 1955 141
Board of Examiners, report of 140
Bricks, output of shale used in making 26
Bricks, total number sold 26
Bricks sold for use in Alberta, Saskatchewan, B.C., Manitoba, Ontario and elsewhere 26
Briquettes, disposition of total output 1955 29
British Columbia, bricks shipped from quarries to 26
  bituminous mine-run coal for consumption in 63
  bituminous lump coal for consumption in 64
  bituminous nut coal for consumption in 65
  bituminous prepared stoker coal for consumption in 66
  bituminous nut-slack coal for consumption in 67
  bituminous slack coal for consumption in 68
  sub-bituminous mine-run coal for consumption in 69
  sub-bituminous lump coal for consumption in 69
  sub-bituminous nut coal for consumption in 70
  sub-bituminous prepared stoker coal for consumption in 70
  sub-bituminous nut-slack coal for consumption in 71
  sub-bituminous slack coal for consumption in 71

C

Certificates issued during 1955, second class 25
  issued during 1955, third class 25
  issued during 1955, mine surveyors' 25
  issued during 1955, mine electricians' 25
  issued during 1955, strip mine foremen's 25
  issued during 1955, strip mine blasters' 25
  list of second class certificates issued, 1955 140
  list of third class certificates issued, 1955 140
  list of mine surveyors' certificates issued, 1955 140
  list of mine electricians' certificates issued, 1955 140
  list of strip mine foremen's certificates issued, 1955 141
  list of strip mine blasters' certificates issued, 1955 141
  list of quarry blasters' certificates issued, 1955 141
Classification of output, 1901-1955 27-28
Coal, annual production and value, 1905 to 1955 24
  total production in 1955 25
  mines, number in operation 25, 138
    number opened 25, 138
    number re-opened 25, 138
    number closed 25, 138
    number abandoned 25, 138
    number in operation at December 31st, 1955 25, 138
  comparison of outputs by districts 46
  disposition of total output, 1955 29
  bituminous, disposition of total output by districts 30
  bituminous, disposition of total output by months 33
  sub-bituminous, disposition of total output by districts 31
  sub-bituminous, disposition of total output by months 34
  bituminous, used in making briquettes by months 87
  sales by province from 1915 to 1955 35
  total production of each class by months during 1955 37-38
  total shipments to each province, 1955 29
  tonnage produced per pound of explosive used by districts each field 114
  produced per electrical horse-power used 119
  cutting machinery tonnage produced by 119
Coal Area, map of 139
Colliery Boilers, total coal used under 29
  bituminous coal used under 29, 30, 33
  sub-bituminous coal used under 29, 31, 34
Commercial coal samples 21-23
Compressed air machines and tonnage produced by 119

D

Days worked each month by districts, bituminous field 104
  each month by districts, sub-bituminous field 105

| | Page |
|---|---|
| Description of mines, by areas | 150-165 |
| Description of quarries, by areas | 165-167 |
| Director of Mines, annual report of | 5-8 |
| Districts, names and numbers of | 138 |

E

| | |
|---|---|
| Electricians certificates issued in 1955 | 140 |
| Electric Lamps, Edison Type | 112 |
| Wolfe Flame Type | 112 |
| Electricity, number of mines using | 119 |
| number of machines operating and tonnage produced by | 119 |
| tons produced per electrical horsepower | 119 |
| amount of purchased power used | 119 |
| Employees, average number above ground | 25 |
| average number below ground | 25 |
| average number strip mining | 25 |
| Examination Questions | 142-149 |
| Examinations, results of | 140-141 |
| Explosives, blasting coal, bituminous coal field | 113 |
| blasting coal, sub-bituminous coal field | 113 |
| quantity used in blasting rock | 117 |

F

| | |
|---|---|
| Fatal accidents, above ground | 25 |
| below ground | 25 |
| Foremen's Certificates issued in 1955 | 141 |

I

| | |
|---|---|
| Introduction | 5-20 |
| Inspectors, names of and districts | 138 |
| Inspectors, reports of | 8-20 |

L

| | |
|---|---|
| Lamps, number of Edison Cap type | 112 |
| number of Wolfe Flame Cap electric type | 112 |

M

| | |
|---|---|
| Manitoba, bricks shipped from quarries to | 26 |
| total amount of bituminous coal sold for consumption in | 30 |
| total amount of sub-bituminous coal sold for consumption in | 31 |
| bituminous coal, mine-run, for consumption in | 72 |
| bituminous coal, lump, for consumption in | 72 |
| bituminous coal, nut, for consumption in | 73 |
| bituminous coal, prepared stoker, for consumption in | 73 |
| bituminous coal, nut-slack for consumption in | 74 |
| bituminous coal, slack, for consumption in | 74 |
| sub-bituminous coal, mine-run, for consumption in | 75 |
| sub-bituminous coal, lump, for consumption in | 75 |
| sub-bituminous coal, nut, for consumption in | 76 |
| sub-bituminous coal, prepared stoker, for consumption in | 76 |
| sub-bituminous coal, nut-slack, for consumption in | 77 |
| sub-bituminous coal, slack, for consumption in | 77 |
| Men, average number employed above ground | 25 |
| average number employed below ground | 25 |
| average number employed strip mining | 25 |
| employed at quarries | 26 |
| total number employed at December 31st, 1955, in each field | 93-94 |
| employed bituminous field classified according to occupation and districts | 93 |
| employed sub-bituminous field classified according to occupation and districts | 94 |
| accidents per 1,000 men employed | 123-124 |
| total employed bituminous field each month by districts | 95 |
| total employed sub-bituminous field each month by districts | 96 |
| Mine air samples | 6 |
| Mine Surveyors' Certificates issued in 1955 | 140 |
| Mines, number classified according to output | 92 |
| number in operation | 25, 138 |
| number opened | 25, 138 |
| number re-opened | 25, 138 |
| number abandoned | 25, 138 |
| number of quarries in operation | 26 |

N

| | |
|---|---|
| Number of men employed above ground (average) | 25 |
| below ground (average) | 25 |
| strip mining (average) | 25 |

O

| | |
|---|---|
| Officials, number prosecuted | 135-137 |
| Ontario, consumption in | 29 |
| total amount of bituminous coal sold during each month for consumption in | 33 |

total amount of sub-bituminous coal sold during each month for consumption in 34
bituminous coal sold for consumption as lump in 78
bituminous coal sold for consumption as nut in 78
bituminous coal sold for consumption as prepared stoker in 79
bituminous coal sold for consumption as nut-slack in 79
bituminous coal sold for consumption as slack in 79
sub-bituminous coal sold for consumption as mine-run in 80
sub-bituminous coal sold for consumption as lump coal 80
sub-bituminous coal sold for consumption as nut in 81
sub-bituminous coal sold for consumption as prepared stoker in 81
sub-bituminous coal sold for consumption as nut-slack in 81
Output, classification of, 1901 to 1955 (inclusive) 27-28
comparison by districts, 1951-1955 36
comparison of accidents for years 1915 to 1955, per 1,000,000 tons 123-124

P

Production bituminous coal by districts, 1951-1955 (inclusive) 36
sub-bituminous coal by districts, 1951-1955 (inclusive) 36
per capita, total from 1906 to 1955 (inclusive) 97
per capita, domestic from 1910-1955 (inclusive) 100
per capita, sub-bituminous, from 1922 to 1955 (inclusive) 99
per capita, bituminous, from 1910-1955 (inclusive) 98
per capita, anthracite, from 1910 to 1923 (inclusive) 101
per capita, bituminous field by districts, 1955 102
per capita, sub-bituminous field by districts, 1955 103
of coal per eight-hour man-shift 11[illegible]
of coal per electrical horse-power 119
total, 1955 29
total, disposition by provinces, 1955 29
Prosecution for contravention of The Coal Mines Regulation Act, number of 135-137
Provisional certificates issued, number of 25

Q

Quarries, total production, 1955 26

R

Railroads, total coal sold for consumption by 29, 32
total amount of bituminous coal sold for consumption by 29, 30, 33
Report of Board of Examiners 140
Rock, explosives used in coal-mining for blasting 117
number of shots fired for blasting 118
number of miss-fire shots in blasting 118

S

Safety lamps, number of Edison and Wolfe type 112
Sales, total by provinces, 1915 to 1955 (inclusive) 35
total bituminous by districts during each month 33
total sub-bituminous by districts during each month 34
Saskatchewan, bricks shipped from quarries to 26
total amount of bituminous coal sold for consumption in 30
total amount of sub-bituminous coal sold for consumption in 31
bituminous coal sold as mine-run for consumption in 51
bituminous coal sold as lump for consumption in 52
bituminous coal sold as nut for consumption in 53
bituminous coal sold as prepared stoker for consumption in 54
bituminous coal sold as nut-slack for consumption in 55
bituminous coal sold as slack for consumption in 56
sub-bituminous coal sold as mine-run for consumption in 57
sub-bituminous coal sold as lump for consumption in 58
sub-bituminous coal sold as nut for consumption in 59
sub-bituminous coal sold as prepared stoker for consumption in 60
sub-bituminous coal sold as nut-slack for consumption in 61
sub-bituminous coal sold as slack for consumption in 62
Second class certificates, issued in 1955 140
Serious accidents, above ground 25
below ground 25
Shots, fired blasting coal in each field by districts 115
miss-fires in blasting coal in each field by districts 116
fired in blasting rock in coal-mines 118
miss-fires in blasting rock in coal-mines 118
Stock, total coal put to 29
total coal lifted from 29
bituminous coal put to 29, 30, 33
sub-bituminous coal put to 29, 31, 34
bituminous coal lifted from 29, 30, 33
sub-bituminous coal lifted from 29, 31, 34
Sub-bituminous, coal, disposition of total output by districts 38
disposition of total output by months 34
production by districts from 1951-1955 (inclusive) 36
total output by districts during each month 38
sold as mine-run for consumption in Alberta 45
sold as lump for consumption in Alberta 46
sold as nut for consumption in Alberta 47

Page

  sold as prepared stoker for consumption in Alberta 48
  sold as nut-slack for consumption in Alberta 49
  sold as slack for consumption in Alberta 50
  sold as mine-run for consumption in Saskatchewan 57
  sold as lump for consumption in Saskatchewan 58
  sold as nut for consumption in Saskatchewan 59
  sold as prepared stoker for consumption in Saskatchewan 60
  sold as nut-slack for consumption in Saskatchewan 61
  sold as slack for consumption in Saskatchewan 62
  sold as mine-run for consumption in British Columbia 69
  sold as lump for consumption in British Columbia 69
  sold as nut for consumption in British Columbia 70
  sold as prepared stoker for consumption in British Columbia 70
  sold as nut-slack for consumption in British Columbia 71
  sold as slack for consumption in British Columbia 71
  sold as mine-run for consumption in Manitoba 75
  sold as lump for consumption in Manitoba 75
  sold as nut for consumption in Manitoba 76
  sold as prepared stoker for consumption in Manitoba 76
  sold as nut-slack for consumption in Manitoba 77
  sold as mine-run for consumption in Ontario 80
  sold as lump for consumption in Ontario 80
  sold as nut for consumption in Ontario 80
  sold as prepared stoker for consumption in Ontario 81
  sold as nut-slack for consumption in Ontario 81
  sold as lump for consumption in United States 84
  sold as nut for consumption in United States 84
  sold as prepared stoker for consumption in United States 84
  sold as nut-slack for consumption in United States 84
  used under colliery boilers 86
  put to stock 88
  lifted from stock 90
  put on waste heap 89
  lifted from waste 91
  number of mines classified according to output 92
  mines, number of men employed at Dec. 31, 1955 94
  number of men employed by districts classified as to occupation 95
  total men employed each month by districts 96
  per capita production for years 1922 to 1955 (inclusive) 99
  per capita production by areas during 1955 103
  number of days worked each month by districts 105
  number of shifts worked each month by districts 108-109
  quantity of timber used by districts 111
  quantity of explosives used in coal 113
  tons of coal produced per pound of explosives used 114
  number of shots fired blasting coal 115
  number of miss-fire shots in blasting coal 116
  coal, tons produced per accident 125
  mines, accidents classified according to cause in 132
  districts, accidents classified according to mines in 134
Summary of Statistics 25

T

Third class certificates, issued in 1955 140
Timber, quantity used in the bituminous coal field 111
  quantity used in the sub-bituminous coal field 111
Tile, hollow, production 26

U

United States, total amount of bituminous coal sold for consumption in 29, 30, 33
  total amount of sub-bituminous sold for consumption in 29, 31, 34
  bituminous coal, mine-run, sold for consumption in 82
  bituminous coal, lump, sold for consumption in 82
  bituminous coal, nut, sold for consumption in 82
  bituminous coal, prepared stoker, sold for consumption in 83
  bituminous coal, nut-slack, sold for consumption in 83
  bituminous coal, slack, sold for consumption in 83
  sub-bituminous coal, lump, sold for consumption in 84
  sub-bituminous coal, nut, sold for consumption in 84
  sub-bituminous coal, prepared stoker, sold for consumption in 84
  sub-bituminous coal, nut-slack, sold for consumption in 84

V

Value of annual output of Alberta coal, 1905 to 1955 (inclusive) 24

W

Waste heap, total coal put on 29, 32
  total coal lifted from 29, 32
  bituminous coal put on 29, 30, 33
  sub-bituminous coal put on 29, 31, 34
  bituminous coal lifted from 29, 30, 33
  sub-bituminous coal lifted from 29, 31, 34
Workmen, number prosecuted 135-137